

Summer 2015

UMASSD

MAGAZINE



inside

Glimpse of the Future
UMassDTransform2020



City of Light

Students from UMassD's Artisanry Department draw on New Bedford's historic roots as a 'city of light' in their installation presented at Chicago's prestigious Sculpture Objects Functional Art + Design (SOFA) Fair last fall. The modular display of benches and lampposts is proposed to be a semi-permanent installation as part of New Bedford's downtown revitalization.

(l-r) Russell Prigodich, Nick Heyl, George Karos, Jessica Benzaquen, Faculty Advisor Charlotte Hamlin, Lillian Webster, Kelsey Thornton.

UMASSD

UMASSD Magazine is produced for the alumni, students, employees, and partners of the University of Massachusetts Dartmouth. The information contained in this publication is intended to engage readers in the mission of UMassD, which is critical to the social and economic development of the region.

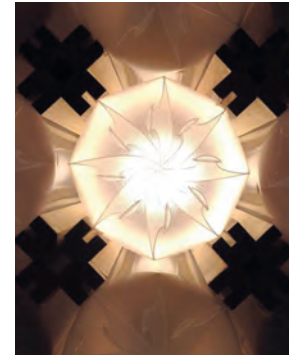
We welcome letters from our readers and encourage you to email comments to editor@umassd.edu or mail them to:

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Glimpse of the Future

UMASSDTRANSFORM2020 has created the blueprint for UMassD to achieve ambitious goals. See five inspiring examples of our strategic plan in action.

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UMassDTransform2020 forums sought input from our internal and external constituents about the future direction of the University.



Message from the Chancellor

Dear alumni, friends, faculty and staff,

In my three years as Chancellor of UMass Dartmouth, I constantly encounter the deep well of talent, passion, and caring among our students, faculty and staff, and alumni. This issue of *UMASSD Magazine* will introduce you to a small sampling of our remarkable community.

We will narrate their stories through the lens of *UMassDTransform2020*, our strategic plan that charts the course for UMass Dartmouth through the year 2020. In 2014, as we celebrated the 50th anniversary of the groundbreaking ceremony of the construction of the campus, we also rolled out our new strategic plan.

Strategic planning began in 2013 and was led by Provost Mohammad Karim. We constituted a 42-member Strategic Plan Committee with faculty, staff, students, community leaders, and working groups composed of internal and external community members who met consistently over one year. Comments and suggestions were collected through open Town Hall meetings on campus and in public forums with business leaders, legislators and elected officials, K-12 superintendents, and alumni.

By 2020, UMass Dartmouth will have attained national recognition as a Doctoral Research University. *UMassDTransform2020* affirms that the transformative education of our students is our highest priority, building upon the reciprocal and enduring community partnerships that are a substantive part of our campus legacy.

As an anchor institution in Southeastern Massachusetts, we pledge to collaborate productively with K-12 schools to increase educational attainment and college completion. We will work closely with business and government leaders to foster entrepreneurship and economic innovation based on our research activities. Our plan is a win-win for our students and our region.

UMassDTransform2020 is a blueprint for UMass Dartmouth to achieve ambitious goals. With student success as the central focus, UMass Dartmouth will enhance our role as an intellectual, economic, and cultural catalyst in the region, the Commonwealth, the nation, and the world.

Warmest regards,

Divina Grossman, *Chancellor*

Meehan named University of Massachusetts System President

Martin T. Meehan, a former U.S. congressman who became Chancellor of his alma mater, UMass Lowell, and transformed it into a highly ranked national research university, was unanimously elected as the next president of the five-campus UMass system and assumed the role on July 1, 2015.

Chancellor Meehan, the eldest son among seven children, used his UMass Lowell education as a springboard to a distinguished career in Congress and now to the presidency of the region's largest and top-rated public university. Meehan said he was honored by the Board's action and is eager to build on the work he has done at the Lowell campus.

"Serving as Chancellor of my alma mater, UMass Lowell, for the last eight years has been the most

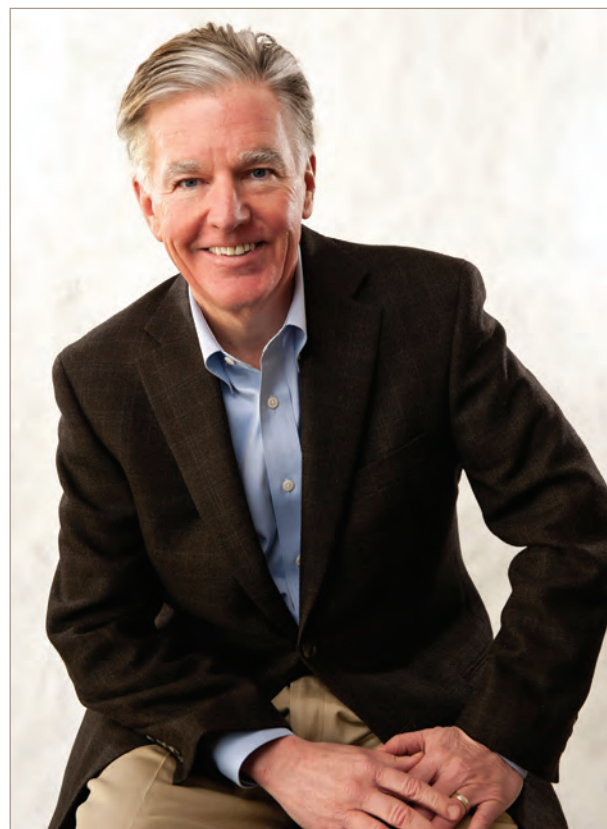
fulfilling period of my professional life, so I am excited about the opportunity to lead the University of Massachusetts system," said Chancellor Meehan. He will succeed President Robert L. Caret.

"I thank the UMass Board of Trustees and the Presidential Search Committee for their confidence. Massachusetts is synonymous with the best in higher education. We will seek to strengthen our position as a world-class public university system that is accessible, affordable, and a catalyst for innovation and economic development in the Commonwealth," he added.

Chancellor Meehan was one of two finalists chosen by a 21-member Presidential Search Committee, working with the executive search firm Korn Ferry. The other finalist was John

A. Quelch, professor of Business Administration at Harvard Business School and the former dean, vice president and distinguished professor of International Management at China Europe International Business School. Dr. Quelch was formerly chairman and member of the Massachusetts Port Authority.

The Board of Trustees met separately with each candidate in open session before voting to select Chancellor Meehan as president. Trustees cited Chancellor Meehan's strong record of achievement and success at UMass Lowell, his distinguished record of public service, his passion for UMass and its mission, and his ability to communicate and to inspire as being among the reasons for selecting



him as the University's 27th president.

Meehan will be the first UMass undergraduate

alumnus to serve as president of the five-campus, 73,000-student system.

President Robert Caret to become Chancellor of the University System of Maryland

Robert Caret, President of the University of Massachusetts system since 2011, has accepted the position of Chancellor of the 12-campus University system of Maryland and will start in July 2015. He is returning to the system where he spent most of his professional career. While his accomplishments at UMass are many, some of the most significant include:

- The UMass system was ranked among the Top 100 universities in the world and as the No. 1 public university in New England by *The Times Higher Education World University Rankings*.
- Total funds raised in FY 2014 reached \$117 million, a 12 percent increase over the previous year. UMass added a record 21,360 new donors in 2013-2014.
- An Efficiency and Effectiveness program that allowed UMass to realize \$226 million in budget savings since the initiative was put in place in 2011.
- Record system-wide enrollment increases that brought total enrollment to 73,000 students in fall 2014.
- Approval of a capital plan in December 2014 to authorize spending up to \$3.4 billion on UMass construction and renovation over the next five years.
- Approval of a 50-50 funding program that increased state funding for UMass by \$100 million over two years and allowed UMass to freeze tuition and mandatory fees for in-state undergraduates students for two years, 2013-2015.

Honorary Degree Recipients

Diane Desmarais Souza '79, CEO (Ret.)
UnitedHealthcare
Speciality Benefits

Carlos Eire
Author and Yale Professor

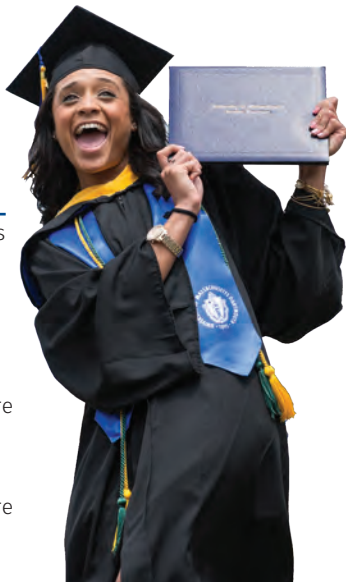
Rikki Klieman
Attorney, Legal Analyst

Chancellor's Medal Recipients

Edward J. Markey
U.S. Senator

George Charbonneau
Artistic Director,
New Bedford Festival Theatre

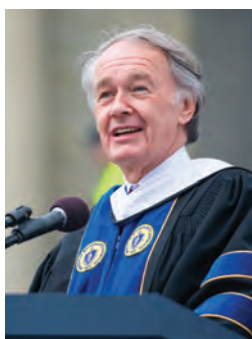
Armand Marchand
Executive Producer,
New Bedford Festival Theatre



(l-r) Rev. Dr. Robert Lawrence; Diane Souza '79, Hon. '15, Commencement speaker; Sapna Jawid Piracha, MBA '15, student speaker; Chancellor Divina Grossman; UMass President Robert Caret; Provost Mohammad Karim; UMass Trustee Margaret Xifaras, MBA '78



(l-r) George Charbonneau, Chancellor Grossman and Armand Marchand



U.S. Senator Edward J. Markey, Commencement speaker



1,923 undergraduate and graduate students from **235** Massachusetts communities, **28** states, and **30** countries celebrated their achievements at UMass Dartmouth's **115th** Commencement ceremonies May 15-18, 2015.

Watch the ceremonies online:
www.umassd.edu/commencement/watchonline

EMENT 2015



Student
Commencement Speakers

Sapna Jawid Piracha, MBA '15
Charlton College of Business

Tejendra Patel '15
College of Engineering

Heather Fatcheric '15
College of Arts & Sciences

Brittany L. Raposa, JD '15
UMass School of Law
Dartmouth



Dr. Carlos Eire,
Commencement speaker



(l-r)
Student speaker Brittany
L. Raposa, JD '15 and Rikki
Klieman, Hon. '15,
Law School
Commencement speaker



Data Science among six new degrees offered at UMassD

“These degree programs advance the goals of the strategic plan, *UMassDTransform2020*, and enhance UMass Dartmouth’s outstanding academic programs and overall excellence in undergraduate, graduate and professional education.”

The Massachusetts Board of Higher Education has approved six new degrees at UMassD in the last year.

“Our faculty has done an outstanding job of identifying new opportunities that will help students succeed and help drive the economy,” said Provost Mohammad Karim. “Careful study of the University’s strengths has enabled us to develop new academic programs that will expand and continue to build research and innovation in this region, the Commonwealth and beyond.”

In the fall, an undergraduate and graduate degree in Data Science and a PhD program in Chemistry/Biochemistry were approved. The data science programs are interdisciplinary programs, a collaborative effort between the College of Arts & Sciences (CAS) and the College of Engineering. The PhD program builds on the long-established CAS Chemistry/Biochemistry program.

Beginning in the fall of 2015, UMass Dartmouth will offer new Master of Science programs in Accounting, Healthcare Management, and Technology Management,

all offered through the Charlton College of Business.

The MS in Accounting provides the necessary credit hours for professionals wishing to earn their CPA designation, and offers broader and deeper technical accounting knowledge and enhanced communication, technology and problem-solving skills necessary for success in professional accountancy and business.

The MS in Technology Management is designed to help both engineers and those in management to appreciate and comprehend the challenges in today’s technology-driven, Internet-based, dynamic, and globalized business world.

The MS in Healthcare Management builds management and business skills that are particularly pertinent in the healthcare field. These degree programs advance the goals of the University’s strategic plan, *UMassDTransform2020*, and enhance UMass Dartmouth’s outstanding academic programs and overall excellence in undergraduate, graduate, and professional education.

UMassD wins \$30K to train students as Community Health Workers

UMass Dartmouth is among three higher education institutions nationwide, and the only public university, to receive prestigious Higher Education Innovation Challenge grants to fund transformative community engagement initiatives.

The Franklin Project at the Aspen Institute along with the National Conference on Citizenship and the Corporation for National and Community Service selected the winners, which also included Drake University and Miami Dade College. Each received \$30,000 to implement their proposal.

UMass Dartmouth, through its Leduc Center

for Civic Engagement and College of Nursing, plans to establish the Community Health Worker Advocate! Navigate! Educate! service year. Students who are part of the College Now program, which assists students with the transition from high school to college through a first-year experience, will be trained as Community Health Workers.

The goal is to improve the quality and cost-effectiveness of care by assisting patients with self-management of chronic illnesses, medication adherence, and navigation of the health care system. Five students will participate in the program in its first year and

receive academic credit and tuition waivers for their service.

The prizes were made possible by the generous support of the Lumina Foundation, and the purpose of the challenge was to generate innovative new ideas that integrated service into the higher

education experience.

To be eligible for the challenge, institutions had to design a service year program that will result in academic credit, meet Service YearSM exchange certification criteria, be designed for sustainability, have the support of the institution’s leadership, and

(l-r) Caitlin Stover, assistant professor of nursing; Lumina CEO and President Jamie Merisotis; and Matt Roy, assistant vice chancellor for civic engagement

provide a model for other similar post-secondary institutions.



Photo: Steve Johnson/The Aspen Institute

“Justice Bridge” pairs recent law graduates with underserved clients

“It’s not that there are too many lawyers, there are just not enough of the right kind of lawyers,” says Shaun Spencer, assistant professor of law and director of legal skills at the UMass School of Law • Dartmouth.

Since it was established in 2010, UMass Law has built a reputation for providing a high quality, cost effective legal education for those who want to pursue justice, and particularly for those interested in working in public service law.

This year, UMass Law launched a law incubator program focused on matching clients who have unmet legal needs with quality, affordable legal services provided by newly minted lawyers seeking to establish small firms and solo practices. The Justice Bridge incubator located at 274 Franklin Street, Boston, opened in the fall of 2014, and a new site opened at 257 Union Street in New Bedford in the spring of 2015.

“Lawyers working at Justice Bridge provide quality legal representation to modest-means clients who would potentially go to court unrepresented,” states Justice Bridge Executive Director Len Zandrow. “These recent UMass Law graduates have office space, administrative support, and receive clients and cases from referrals from other sources. They also have the benefit of mentorship from experienced lawyers.”

“It is important to note that 85 percent of the people who appear in court without legal representation risk becoming homeless through eviction or foreclosure or losing custody of their children,” says Mary Lu Bilek, dean of UMass Law. “The lawyers at Justice Bridge offer them an important resource—they are the ‘right kind of lawyer.’ Justice Bridge also provides our graduates with several years of experience so they can go on to develop their own practices.”

Justice Bridge will also serve as a laboratory where UMass Law can evaluate outcomes and assess the school’s program of legal education.



Justice Bridge kick-off (l-r) Jennifer Hunt, Conor Linehan, Stella Shlayan, Nicholas Gomes, Michelle Sisco, Amanda Shuman, Len Zandrow, Ahmed F. Ahmed, Dean Mary Lu Bilek, Prof. Deborah Ramirez, Anthony Musto, and Stephen Brown.



(l-r) Tracey McNamara '14, Michael Coveney '14, Massachusetts Supreme Judicial Court Chief Justice Ralph Gants, Danielle Allard '14, and Marcus Ferro '14.

Legal aid may improve outcomes for HIV-positive patients

Associate Professor Margaret Drew, director of clinics and experiential learning at the UMass School of Law, has received a research award to support a cross-university effort to address the unmet social and community needs of the HIV-positive population in the SouthCoast area.

Drew was named a Bellow Scholar by the

Association of American Law Schools (AALS) to determine if meeting the legal needs of the HIV-positive population can help lead to better health outcomes.

The research supports a project involving the law school and the UMass Dartmouth College of Nursing. Dr. Caitlin Stover, chair of the Community Nursing Program, and UMass

Law Lecturer Jason Potter Burda are collaborating to research the legal, medical, and community requirements of the region’s HIV-positive individuals.

Dr. Stover said their partnership is vital to learning how to best assist those living with HIV/AIDS. “We look at how such factors as the individual’s living environment, socioeconomic status,

access to healthcare, and cultural traditions impact the individual’s health related outcome,” she said.

The AALS encourages projects that involve collaboration between lawyers and other professionals. The Bellow Scholars program is named for Gary Bellow, a Harvard Law School professor who helped found modern clinical legal education.



Professor Margaret Drew is named Bellow Scholar



Predicting monsoons

U.S./India ocean currents research project led by UMassD scientists

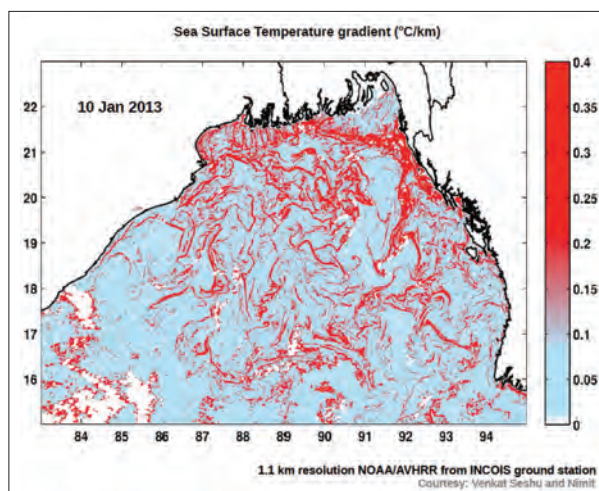
Scientists from the UMass Dartmouth Upper Ocean Dynamics Laboratory are leading a U.S. contingent participating in a first-of-its-kind joint oceanographic venture with scientists from India.

The U.S. component of the bilateral program is led by Dr. Amit Tandon, UMass Dartmouth College of Engineering, and Dr. Amala Mahadevan of the Woods Hole Oceanographic Institution (WHOI) and adjunct faculty member at UMass Dartmouth's School for Marine Science and Technology. The U.S. team also includes Dr. Sanjiv Ramachandran, Dr. Tandon's research associate, along with

scientists from 17 other U.S. and Indian institutions.

Researchers from the two countries are working together to understand ocean processes in the Bay of Bengal and their relation to the annual monsoon, which is a dominant factor in the lives of the population of the Indian subcontinent.

Improved forecasting of the monsoon and extreme weather events can have enormous human and economic impact in India. For example, in 1999, a powerful cyclone resulted in \$4-5 billion in property damage and 10,000 deaths. A comparable cyclone in 2013, with better weather



prediction and storm preparation, caused \$700 million in damage and three deaths.

"But the monsoon has two faces," said Dr. Tandon. "It can be a major destructive force, and yet most of the country's agriculture depends on the timing and amount of the monsoon rains. A fluctuation of just 10 percent from the seasonal norm is the difference between a

'deficient' and an 'excessive' monsoon."

The U.S. Office of Naval Research is funding the U.S. scientists. The Indian scientists are funded by the Indian Ministry of Earth Sciences' Monsoon Mission. The program, now in its second year, has already logged four joint research and training cruises, with a fifth scheduled for this summer.

(above) UMassD hosted an international conference on monsoon research in May 2015 led by Professor Amit Tandon and funded by the Office of Naval Research in the U.S. and the Ministry of Earth Sciences in India. The team is composed of 50 scientists from 19 universities and research institutes.

(graph at left) This ocean surface picture, which is derived from remote sensing provided by Dr. Tandon's Indian collaborators in the ASIRI-OMM ocean currents project, provides hints of very active oceanographic processes. During the summer monsoons, even pictures like these are difficult to get from remote sensing due to cloud cover, and in-situ sampling becomes even more necessary to study the upper ocean and understand whether features such as these exist during summer monsoon and how they impact monsoon precipitation.

SMAST, a vital link between scientists and fishermen

There's been a sea change in how fishermen view fishery research because the science has improved the sustainability of the industry. The UMass Dartmouth School for Marine Science and Technology (SMAST) has been a linchpin in helping revitalize the industry in this region.

For the past 14 years, New Bedford has been the nation's leading fishing port based on fish landings valued at \$379 million, and it has become New England's sea food hub. However, fishermen remain vigilant to continued threats to their livelihood, specifically groundfish.

Just last year the National Oceanic and Atmospheric Administration (NOAA) funded SMAST-led fisheries research to the tune of \$4.4 million, with approximately 80 percent of the research dollars going to the fishing vessels harvesting the scallops for the studies. Recently the Commonwealth of Massachusetts invested another \$450,000 to improve population estimates of groundfish and balance the economic and environmental factors associated with commercial fishing.

SMAST has been involved in cooperative research with fishermen for years. SMAST Fisheries Oceanography Chair Kevin Stokesbury recalls working with the fishermen to develop a new survey method for scallops 15 years ago.

"Counting scallops per meter squared turned out to be the way to go," Stokesbury says. "The drop-



Kevin Stokesbury at SMAST

camera system we developed at SMAST gave us pictures of scallops on the sea floor.

"I don't think people realize what a cooperative effort this was with the fishermen. SMAST had no money for those first trips; they were backed by individual fishermen donating their time, vessels, know-how, food,

and fuel—our trips are still supported by the fishermen.

"Our video survey system provides an estimate of the numbers of scallops by size and location up and down the East Coast, including Canada. This has enabled a rotational management plan that moves the fishing fleet around different areas on Georges Bank and in the Mid-Atlantic depending on how numerous and large the scallops are in each area."

Today, it's the groundfish industry that is in crisis, and once again, Stokesbury and his collaborators are developing a video-based "no-capture" survey method to improve stock assessments.

"We're working on new ways to try and measure groundfish using acoustics and video techniques," he says. "The best way to do this is to get out there with the fishermen and measure what's going on."

SMAST, governmental agencies, and the fishermen are working on a sea change.

Four NSF grants for Dr. Wang will fund eHealth initiatives and improve wireless network security

Professor Honggang Wang (Electrical & Computer Engineering) has received four National Science Foundation (NSF) grants in the last year totaling more than \$900,000 to support eHealth initiatives and improvements to wireless technology.

"Through these research projects, students are gaining experience in various aspects of wireless health and multimedia communication and networking," Professor Wang says.

"Both undergraduate and graduate students are integrated into the respective research programs."

One initiative focuses on developing a wearable biosensor system with wireless network for the early and remote detection of a range of life-threatening conditions, such as apnea (pause in breathing), bradycardia (slowness of heart), and hypoxia (oxygen desaturation). These types of situations occur disproportionately in prematurely born infants, which represents one in eight births in the U.S.

Also in the area of healthcare, Dr. Wang is developing a cybersecurity system for mobile health. This is a joint project among UMass Dartmouth, Worcester Polytechnic Institute, and University of Arkansas Little Rock. Communication of non-intrusive, ambulatory health monitoring of patient vital signs over wireless networks is becoming more popular, and the goal of the project is to develop a lightweight, wireless authentication system to ensure real-time delivery of accurate and secure medical information.

Dr. Wang's research also is advancing the understanding of emerging wireless networking by meeting the future data capacity demand and the goal of quality of service. This will significantly impact complex network application in a number of areas including transportation, disaster recovery, and healthcare. Wang is working to develop a Cognitive Radio Multimedia Network Testbed (COMET) instrument to address critical issues related to energy, bandwidth, computing, and reliability for wireless multimedia applications.

Wang and his research team were funded to acquire a multimedia network instrument to enable realistic testing of innovative protocols and algorithms for the efficient use of limited wireless spectrum in a variety of multidisciplinary multimedia applications.

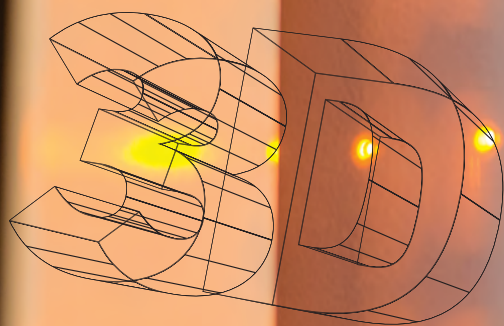
With competition for shrinking federal research and development dollars more intense than ever, the odds are stacked against any single research proposal being funded—Dr. Wang received funding for 4 in 1 year.

9.9 billion pounds of fish and shellfish were caught by U.S. commercial fishermen in 2013, valued at **\$5.5 billion**

New Bedford:

for 14 years straight had the highest valued catch, with sea scallops accounting for 81% of the **\$379 million** value.

Fisheries of the United States, 2013 (NOAA Fisheries)



chemistry

The X-ray diffractometer allows students and researchers access to 3D molecular structures

The X-ray diffractometer recently installed at UMass Dartmouth provides researchers and students with immediate access to determine three-dimensional molecular structures of synthesized chemicals.

Acquired through a grant from the National Science Foundation (NSF), the dual-source, single-crystal X-ray diffractometer can map the structure of a chemical compound in a matter of hours and is the only instrument of its kind in southeastern Massachusetts.

Led by Dr. David Manke, assistant professor of chemistry at UMassD, 20 faculty from seven institutions, including Bridgewater State University, Brown University, Rhode Island College, Salve Regina University, UMass Boston, and the University of Rhode Island, collaborated on the proposal to the NSF. Each of these researchers is involved in scientific studies that will be greatly enhanced by accessibility of the diffractometer.



(above) A close-up photo of the X-ray diffractometer in action.

(left) UMassD took the lead on the grant proposal to the NSF for the equipment. Collaborators include Bridgewater State University, Brown University, Rhode Island College, Salve Regina University, UMass Boston, and the University of Rhode Island.

The instrument is also available to other institutions—including area community colleges—through onsite visits and remotely via webcams and other software.

“X-ray diffraction helped determine the structure of DNA many years ago, and continues to be an essential tool to help determine the chemical structure of new

compounds. It is essential in the development of new catalysts, drugs, and materials,” said Manke, who is director of the new SouthCoast Single Crystal X-Ray Diffraction Facility. “Until we had the instrument on campus, we would ship samples to San Diego for characterization, which added a great deal of time and made it difficult to get characterization for

air-sensitive or unstable compounds.

“For UMassD researchers and the other institutions involved in the proposal, a critical technique is now readily available and should increase the rate and quality of data produced,” he said.

“Beyond research, the instrument will allow for a greater inclusion of X-ray diffraction in coursework

and hands-on experience for students with this invaluable technique,” said Manke. “Our students benefit because they will now gain exposure to X-ray diffraction on a cutting-edge instrument, in class and in research, helping prepare them for further education or their careers.”

Catherine Neto

The cranberry is an important food product for the Massachusetts economy as well as for the health industry. Professor Neto (Chemistry), co-director of the UMass Cranberry Health Research Center, presented promising preliminary results to then Massachusetts Senate President Therese Murray and the Cranberry Oversight Board in the fall. The data showed that cranberry preparations/extracts reduce colon tumors and tissue inflammation in a mouse model, weaken bacteria's ability to establish infection, and have antioxidant properties that can be monitored in live cells.



\$464,739 NIH grant for Big Data research awarded to Vanni Bucci



Professor Bucci (Biology) received a \$464,739 grant from the National Institutes of Health's National Institute of Allergy and Infectious Disease to apply new mathematical models to improve treatment of intestinal diseases.

"Diseases of this kind represent a critical issue in today's healthcare system. Current treatment strategies not only don't account for the natural protective mech-

anisms against the disease, but can also end up harming a patient more," said Dr. Bucci. "By developing and validating predictive mathematical models that account for the effect of these therapies on the intestinal bacteria and how consequent changes in the intestinal bacteria affect health and disease, we will be able to design smarter and targeted antibiotic and probiotic therapies."

Researchers also hope to identify additional strategies in preventing intestinal pathogens, or causes of the disease, from being established.

Dr. Bucci works with the UMassD Center for Scientific Computing and Visualization Research and is also a member of the newly established intercampus UMass Center for Microbiome Research.



Diego Bernal

Professor Bernal (Biology) and his collaborators are studying the effect of temperature and low oxygen on muscle performance in fish exposed to very different thermal environments. The project is supported by a \$327,551 award from the National Science Foundation (NSF), and involves high school, undergraduate, and graduate students in hands-on field and laboratory research. The study is designed to increase understanding of how changes in climate temperature have profound effects on physiology and lead to adaptations for different forms of life.

Pingguo He

Professor He (Fisheries) has received a \$205,000 award from the National Oceanic and Atmospheric Administration (NOAA)'s Marine Fisheries Service to design and test trawling gear innovations to lessen seabed impact while also reducing the catch of yellowtail, winter, and window-pane flounder. The project is a collaborative initiative involving UMassD, state scientists and the gear technology and fishing industries.





Abiola Aborishade earns Eastern College Athletic Conference Division III North All-Star Honors

Aborishade is the first UMass Dartmouth football player to earn All-ECAC distinction since John Cordasco (Rockaway, N.J.) garnered second-team accolades following the 2011 season. He is one of

the most talented and versatile athletes in the nation. The senior wide receiver from Attleboro ranked among the Division III leaders in receptions per game (4th, 9.3), while ranking among the MASCAC leaders in scoring (4th, 66), receiving yards (5th, 802), and all-purpose yards (6th, 118.9). Aborishade shattered the program's single-season receptions record (84), putting an additional 15 catches between the previous standard that was set by Ryan Bland in 1998. He pulled in seven receptions for a season-high 134 yards, including a season-best 71-yarder, to break the program record against Mass Maritime in Oct. 25, 2014.

William Gathright Little East Conference Hall of Fame

The late William "Bill" Gathright, long-time UMass Dartmouth Sports Information Director, was inducted into the Little East Conference Hall of Fame Class of 2014. Gathright, who passed away in 2004 at the age of 54, was a renowned figure on the Corsair campus and within the Little East Conference. He began his tenure in Dartmouth as the then Southeastern Massachusetts University Intramural Director in 1973 before serving as the department's first sports information director.

Presidents Cup UMass Dartmouth captures 2013-14 Little East Conference

The University of Massachusetts Dartmouth was honored by the Little East Conference as the league's top academic institution, as the 2013-14 Presidents Cup standings were announced at the 2015 NCAA Convention in Washington, D.C. The Corsairs registered a cumulative grade point average of 3.07 last year to claim their first Presidents Cup since the award's inception in 2010.

"I congratulate the

scholar-athletes of UMass Dartmouth on capturing their institution's first Little East Conference Presidents Cup," said Commissioner Cora H. Brumley. "This prestigious award, on the heels of their highest-ever second place finish in the 2013-14 Commissioners Cup, clearly demonstrates intercollegiate athletics' ability to enhance the academic mission of our member institutions. Director of Athletics Amanda Van Voorhis and the Corsairs staff are to be commended for their role in facilitating their student-athletes' achievements." The Little East Conference Presidents Cup measures the highest cumulative grade point average of all institutions in the conference. Each institution calculates the cumulative GPA for all of its student-athletes that competed in the league's 19 championship-sponsored sports.

Banner Day UMass Dartmouth unveils 1,000-Point Banners

UMass Dartmouth recognized its most prolific scorers in basketball history in two separate halftime ceremonies this past winter. The

Corsairs unveiled the Women's Basketball 1,000-Point Banner against intrastate rival UMass Boston on Jan. 20, 2015, honoring eight former standouts. In attendance were Cathy Johnson '86, the program's all-time leading scorer, Colleen Moriarty '13, Tashauna Ashmeade '11, Kelly Berger '99, and Christine Lentini '96. UMass Dartmouth commemorated the greatest scorers in men's basketball program history against Southern Maine on Feb. 7, 2015, when three banners were raised inside the Tripp Athletic Center with the names of 45 players who accomplished the milestone. Durfee Tech. graduate John Freeman '52, alongside Kevin Phelan '73 and Aaron Lee '95, unveiled the banners.

Jordan Rezendes D3Hoops.com All-American Honors and single game record Scorer

Junior Jordan Rezendes was named to the coveted D3Hoops.com Men's Basketball All-America team, earning honorable mention honors. He is the second men's basketball player in program history to represent the Corsairs on the premier



Women's Basketball 1,000-point banner ceremony (l-r) Amanda Van Voorhis, Joycelyn Lowers Matheney (mother of Tashauna Ashmeade), Kelly Berger, Cathy Johnson, Christine Lentini, and Colleen Moriarty.

UMassD Football Single Season Receptions Record

- 84** Abiola Aborishade '14
- 69** Ryan Bland '98
- 61** Ryan Bland '97
- 56** Corey Williams '04

130 All-Academic accolades for student-athletes

- 49** Fall
- 49** Winter
- 32** Spring

Division III basketball publication's national team since former standout Dan Holbrook was named to the honorable mention team in 2008. In 27 games, Rezendes averaged 23.2 points, 5.8 rebounds, and 3.8 assists per game. He established a new single-game point record on Feb. 21, 2015, scoring 51 points to lead UMass Dartmouth to a 92-80 Little East Conference victory over Keene State College.

Chelsey Campbell earns Eastern College Athletic Conference Accolades

The postseason honors continued to pour in for senior Chelsey Campbell (Barre, Mass.), who was named to the Eastern College Athletic Conference (ECAC) Field Hockey Division III All-New England, second-team. The senior captain was

recently named the 2014 Little East Conference Defensive Player of the Year. The two-time All-Little East Conference selection helped the Corsairs limit their conference opponents to 1.51 goals per game, while posting two shutouts. She contributed to the offensive rush, producing two goals and six assists for 10 points.

Kevin Cutler at NCAA Division III Indoor Track and Field Championships

Sophomore Kevin Cutler qualified for the 2015 NCAA Division III Indoor Track and Field Championships at the JDL Fast Track in Winston-Salem, N.C., representing UMass Dartmouth in the high jump event. Making his second straight appearance at the national championship, Cutler cleared his second progression (1.99 m, 6-06.25) on his first attempt and finished tied for 10th in the 15-person field.



Kneeling: Jim Hilliard ('85), John Muller ('85), Dan Dermody (Manager)
Front Row: Wayne Bates - in ball cap ('85-'86), John Ottoviani ('86-'89), Chris O'Neil ('85-'86), Dennis Gomes ('85-'87), Head Coach Paul Harrison, Craig D'Amario ('85-'86), Ed Roderiques ('85-'86), AD Amanda Van Voorhis
Back Row: Jack Moynahan, Matt Quinn ('85-'86), Jeff LaMothe ('86-'89), Steve King ('86-'89), Brian Ego ('85-'87), Gavin Curley ('85), Kevin McDonald ('85), Jeff McKay ('85-'86), Head Coach Robichaud

UMassD Football Turns 30

Football got its start at UMass Dartmouth in 1985 when the UMass Dartmouth Club Football Team laid the foundation for the first varsity team, which began three years later. In January 2015, Head Coach Paul Harrison and 16 former players reunited at UMassD to honor the program and relive their experiences from the groundbreaking season.

"It was a great opportunity to reminisce about the accomplishments of that team's championship year," said Brian Ego, alumnus and former football player. "But it was more amazing to learn about how a number of players from that team used their academic and athletic experiences at UMassD to spring-board them into successful careers as business owners, corporate executives, lawyers, military leaders, and civil servants in police and fire.

"We're looking forward to bringing together players from all 30 years at Alumni Weekend in fall 2015 to celebrate, network, and reconnect with the University." The University will recognize the former players and staff from the Corsair Club era (1985-87) during a halftime ceremony on Saturday, Sept. 26, 2015, when UMass Dartmouth hosts Plymouth State University at 4 p.m. as part of 2015 Homecoming festivities.



New hardware in the trophy case

Megan Ronaghan	LEC Women's Basketball Player of the Year
Jordan Rezendes	LEC Men's Basketball Player of the Year
Chrissy Deveaux	LEC Women's Rookie Swimmer of the Year
Casey Shea	Massachusetts State Collegiate Athletic Conference Ice Hockey Rookie of the Year
Cathy Motta	LEC Women's Swimming & Diving Coach of the Year
Matt Ducharme	LEC Women's Basketball Coach of the Year

New Director of Athletics

Amanda Van Voorhis

Known as a tremendous motivator, recruiter, and winning women's basketball coach, Amanda Van Voorhis became the new director of athletics for the UMassD Corsairs on August 11, 2014. Van Voorhis is the second female and eighth person overall to lead the athletics department.

"I am committed to honoring traditions and elevating the department to new heights," said Van Voorhis. "I'm enthusiastic about the challenge of the work ahead and eager to devote my full attention to the task at hand."

The director of athletics supports a staff of 25 intercollegiate varsity coaches, athletic trainers, and fitness center staff, and 587 student-athletes. This includes responsibility for UMass Dartmouth remaining in compliance with both NCAA and Title IX regulations. In addition, Van Voorhis oversees recreational programs for the entire student body.

Van Voorhis joined the UMass Dartmouth athletics staff in 2008 as the head women's basketball coach. She was promoted to associate director of ath-



letics and senior woman administrator in March 2012, overseeing the scheduling, transportation, and assignment of officials for all the varsity sports programs. She served as

the interim director of athletics when Ian Day was promoted to associate vice chancellor for enrollment.

"Amanda Van Voorhis has proven herself to be a decisive and transforma-

tive administrator during her service as interim athletic director at UMass Dartmouth," says Cora Brumley, Little East Conference Commissioner. "Her leadership has already had a significant positive impact and will continue to elevate the Corsairs among the LEC's member institutions!"

Prior to UMassD, Van Voorhis held women's basketball coaching positions at Division I Brown University, Salve Regina University, Western New England College, and Ithaca College. Van Voorhis completed her undergraduate career at Springfield College.



Track and field athlete Lauren Roche '15 was diagnosed with a painful medical condition that interrupted her career as a student athlete in 2014. She found strength and support from the Athletics Training Staff and wrote this letter to the Chancellor.

Tribute to the Athletics Training Staff

"For the past four years I have been a resident of the UMass community. I am also an alumna of the track and field program. My experience as an athlete is invaluable to me and I credit much of my success academically to being an athlete.

Unfortunately, my time as an athlete helped to discover a condition I have. I was diagnosed with anterior compartment syndrome. While the condition itself did not prohibit me from completing my four years as a Corsair, it did change the way I was able to practice and perform my workouts. Needless to say, I became very close with the athletic training staff and without them I don't think I would have accomplished my goal of being a

four-year letter winner as a college athlete.

The athletic training room sees hundreds of student-athletes a day, and I can testify to that because I spent on average three hours a day myself with the trainers.

While my coaches were supportive and extremely cooperative with my training schedule, it was really the trainers who became my biggest coaches, cheerleaders and support system here at school. My condition makes even walking extremely painful, and over time it begins to wear on one's emotions and it was hard to stay motivated. Practice ultimately had to be fully under the supervision of the training room staff. The trainers would com-

pletely turn my mood around—they revitalized my attitude toward my sport and my desire to still want to reach my athletic goals. I cannot put into words how much that helped me as an athlete and further translated into my life as a student.

Last week I found a little extra time to stop into my old training grounds, and all the anxieties and uncertainties I had about school this year were erased when walking into my home at the training room. Wendy, Kevin, Jesse, and Dan became my go-to people here at school when I'm in need of anything. Like other support systems available to students at school, they have helped me more than they know."



2014 Hall of Fame inductees (l to r) Jeff Feroce '83, '88; Jim Violette, receiving for his late brother, Jon Violette '71; Mary Bourque '01; Marques Houtman '02; and Bruce Zapasnik '05.

UMassD welcomes 5 new members to the 2014 Hall of Fame

Jeff Feroce

SMU '83 and '88
LACROSSE

Founding member of the men's lacrosse club team in 1988; served as assistant coach and later head coach from 1989-1997; became first varsity head coach when men's lacrosse was elevated to varsity status in 1998.

Jon Violette

SMTI '71
BASKETBALL |
TRACK & FIELD

Scored 1,001 points; led the league in foul shooting percentage (82%); held school records in the high jump, long jump, triple jump, and one-mile relay team, and was the team's all-time points scoring leader; being inducted posthumously following his passing in 2005.

Mary Bourque

UMassD '01
TENNIS

Captured six out of eight possible LEC individual championship honors, including No. 4 singles and third-flight doubles in 1996; top-flight doubles in 1997; No. 3 singles and top-flight doubles in 1998; and top-flight singles in 1999.

Marques Houtman

UMassD '02
BASKETBALL

Selected to All-Little East Conference Tournament Team; earned All-Eastern College Athletic Conference and National Association of Basketball first-team honors; led the Corsairs in scoring (18.8 pts/game); led the conference circuit in three-point shooting; Outstanding Player of the 2000 Hampton Inn Classic Tournament.

Bruce Zapasnik

UMassD '05
TRACK & FIELD

Top track and field thrower from 2001-2005; earned NCAA Division III All-America status with a school record throw; four-time Little East Conference champion; two-time Division III New England champion; nine-year hold on the javelin record continues at 205-1.

24-6

1993-94

Softball Team
coached by **Marilyn Ritz**

top-seeded team in '94
ECAC North Tournament
clinched the
championship

TEAM CATEGORY: The 1993-94 UMass Dartmouth Softball Team was inducted on the 20th anniversary of their ECAC Division III North Championship. In 1994, Coach Marilyn Ritz's team posted a 24-6 record, earning the top-seed in the ECAC North Tournament and clinching the championship game against sixth-seeded North Adams State. Team members included Shelly Albanese, Jill Byam, Jill Cross, Jen Raffa, Chris Fletcher, Chris Greaney, Dawn Lacroix, Nadine Marrier, Jude Menz, Kim Otis, Kerri Parkinson, Jen Pfister, Lorraine Rooney, Kelly Roy, and Julie Smalley, plus assistant coaches Brenda Soule-Lee and Joan Allison.

GLIMPSE of



UMASSDTRANSFORM2020 was a galvanizing experience as we created the blueprint for UMass Dartmouth to become an intellectual, economic, and regional catalyst with student success as the central focus. See our strategic plan in action as we work toward these ambitious goals.



the FUTURE

Goal

1
Innovative
and High-Impact
Research and
Academic
Programs

Goal

2
Integrated
Student-Centered
Experiences

Goal

3
Excellence
in Research,
Scholarship, and
Innovation

Goal

4
Productive
Collaborations,
Partnerships,
Community
Engagement

Goal

5
Infrastructure
and Processes
in Support of
Excellence

Bioengineering



(l-r) Avon CEO Sheri McCoy '80, Hon. '13, Dr. Qinguo Fan, and Dean Robert Peck participate in the September 22, 2014 ribbon-cutting ceremony of the new Research and Teaching Bioengineering Suite on the UMassD campus.

Goal Innovative and High- Impact Research and Academic Programs

Crossing the stage at Commencement this year were 20 graduate and undergraduate students making up the inaugural Bioengineering Class of 2015. These passionate pioneers are now the emissaries of UMass Dartmouth's innovative academic program.

Bioengineering is the new Textiles

Although it's a young major, Bioengineering traces its lineage back 100 years to UMassD's textile roots. From textiles to materials science to bioengineering, the academic program has shifted and innovated from large-scale manufacturing training to research, development, and high-tech engineering.

The merging of biology and engineering has developed hundreds of innovations, including artificial organs, prosthetics and laser surgery. The U.S. Department of Labor forecasts Biomedical Engineering will continue to grow—citing an aging population and a growing focus on health issues driving new and improved medical devices and pharmaceutical products.

UMass Dartmouth recognized that faculty expertise in textiles and materials science also informed research in bioengineering, biological materials, biomedical

materials, military fibers, and engineered composites. A new program was born, and the first undergraduate students enrolled in the fall of 2011.

Danielle McDowell '15, a former emergency medical technician, was one of those students. "The Bioengineering program at UMass Dartmouth was appealing for many reasons, but most importantly it offered small class sizes with fantastic professors and great opportunities for hands-on learning," said McDowell. "As a bioengineer, I want to make a difference and improve the quality of life for those suffering injuries, illness, and disease. I hope to improve cardiac arrest survival rates and develop interventions and treatments for cardiovascular diseases."

State-of-the-art labs

In 2014, \$1.5 million was invested to create the new Research and Teaching Bioengineering Suite in the Textile Building. The labs support learning and discovery at the intersection of engineering, the life sciences, and medicine.

Sheri McCoy '80, Hon. '13, CEO of Avon, Inc., was an early supporter of the Bioengineering Program. She reviewed curriculum and department strategy, identified technology experts for input, and participated in the opening of the new labs.

Hands-on training

"Bioengineering at UMass Dartmouth has both medical and non-medical applications," said Associate Professor Tracie Ferreira, one of the program's original bioengineering faculty. "Students can choose their area of interest. Many students like the electronic, mechanical type of applications like devices and prosthetics; others love working with cells and tissues and modifying living systems.

"For instance, Professor Christopher Brigham is creating biocompatible plastics from seafood waste products." The research, she explained, makes use of shells we don't eat. "We can use that material to grow a bacteria that produces a biofriendly plastic, which can be used for biodegradable products like cups and plates, and we can use a different combination of that same material from the bacteria to make sutures or bandage material. This helps the environment and healthcare!"

Jacqueline Tran '15, worked on her honors thesis and capstone project with Ferreira.

"I studied the effects of electrotherapy on cut zebrafish



a revolutionary evolution



(above) U.S. Senator Elizabeth Warren toured the bioengineering labs during a campus visit this spring.

(At left, l-r) Associate Professor Tracie Ferreira works with undergraduate bioengineering student Danielle McDowell '15 and Biomedical Engineering and Biotechnology doctoral student Vijay Boominathan in the newly renovated bioengineering lab.

caudal fins. Zebrafish have the ability to regenerate their fins, and I wanted to explore whether applying an electric current to cut fins would boost the regenerative rate of the fish,” said Tran. “The idea that this could possibly lead to a different type of medical treatment was fascinating to me.”

Ferreira’s own research is inspired by the potential to make devices that help cells heal themselves. “Knowing that there are small environmental changes we can make in our tissues that can promote healing and regeneration drives my research,” said Ferreira. “We are working to create a device that can be in ambulances and applied to severe burns, deep lacerations, and lost fingers—by treating the wounds when they are most receptive.”

Patrick McCarthy '15 worked on a project focused on developing a targeted therapeutic for melanoma. “This project gave me exposure to a laboratory setting, and thinking in an experimental mindset,” said McCarthy. “I was given a broad knowledge of many different topics. As bioengineers, we are the ‘jack of all trades’— we speak the language of all different disciplines of engineers.”

The newest bioengineers

“The degree prepared me well for a job in bio-engineering,” said McCarthy. “I was fortunate to have two job offers before school even ended. I opted to take

**UMassD
engineering
ranked #47**
of 194 schools
in the U.S.
for “best in
undergraduate
engineering”

*U.S. News &
World Report*

a research position with MassBiologics, at UMass Medical School, working to develop recombinant adeno-associated viral vector therapies.”

McCarthy plans to attend medical school after working in industry for a couple of years, and Tran will be attending UMass Medical this fall as the first Bacc/MD accepted student from UMass Dartmouth. McDowell accepted a full-time R&D scientist position at NeoGraft Technologies, Inc., an emerging company focused on medical devices for cardiac surgery, and began working five days after graduation.

Enrollment in the Bioengineering Program has topped 120 students, making it one of the fastest growing programs on campus. The goal of the Bioengineering Department is to prepare undergraduates for careers in the biotechnology/biomedical industry, medicine, or research.

UMassD Bioengineering research intersects with all engineering disciplines, as well as other UMassD colleges and schools. The interdisciplinary nature of the research has generated fascinating opportunities for faculty and students. It is by its very nature, a revolutionary evolution at UMassD.

Sherri Miles



(l-r) Student entrepreneurs Sean Townsend '16, John Tiernan '17, and Mackensie Benjamin '18 won the Student-run Business Association's competition to revive the fitness center smoothie bar.

The Ingredients for

Goal Integrated Student- Centered Experiences

"I believe in the value of learning from failure when innovating and failing fast. This gets you to a better solution faster," Martin Schwalm '92, CEO of Two Square Science, told engineering students this spring.

Schwalm, whose Fall River company designs and manufactures products that automate lab testing, embraces innovation and risk in a way that is unusual for engineers, says Robert Peck, dean of the College of Engineering.

"Engineers design things so they don't fail," Dean Peck said. "But when you start a business, 90 percent of the time you're going to fail. Only a small percentage of engineers are able to take that leap."

Peck is working closely with Angappa "Guna" Gunasekaran, dean of the Charlton College of Business, to infuse more UMassD students with a spirit of entrepreneurship and innovation. They are developing a vision of cross-disciplinary collaboration involving all students, from fine arts to nursing to psychology. Whether students plan to start their own businesses or enter a profession,

they need to think and act creatively, understanding there is no growth without risk.

While about 100 students have chosen to major in small business management and entrepreneurship within Charlton, the University's entrepreneurial spirit is much broader. When the Student-Run Business Association opened a competition this year to run the fitness center smoothie bar, more than 40 students from a variety of majors submitted 20 plans.

In April, the association selected a team of two business majors, John Tiernan '17 and Mackenzie Benjamin '18, and a crime and justice studies student, Sean Townsend '16, to assume the smoothie bar's management from Chartwells.

Jacob Miller '16, the founding CEO of the Student-Run Business Association, underscores the interdisciplinary nature of the organization. A political science major and Endeavor Scholar who aspires to a career in public service, he envisions students from all fields opening small businesses on campus, with the help of the association.

"It has been a fascinating dynamic to watch," he said.

"I am an abstract thinker, and I'm working with business majors who are all concrete thinkers."

Dean Guna said students will also see an increase in internship and mentoring opportunities with the recruitment of Thomas Davis, retired executive director of the Greater New Bedford Industrial Foundation, as the University's first Executive in Residence. He is charged with drawing more companies to campus so executives can engage directly with faculty and students.

"We're not just focusing on teaching students in the classroom, but in providing them with outside, experiential learning projects," Dean Guna said. "We want to prepare our candidates to have an immediate impact on an organization's performance."

Through its strategic plan, *UMassDTransform2020*, UMass Dartmouth emphasizes its commitment to the region's economic and social advancement through enhanced research, academic programs, and integrated, interdisciplinary opportunities for students.

It will continue to develop first-class scientists and engineers, such as Ph.D. candidate Amir Ehsani Zonouz, who in January won the first Siemens Mobility IDEA (Improving Design and Engineering for All) Contest with his idea for using drones to help drivers find parking. But as he works with his UMassD advisor Dr. Liudong Xing and Siemens to develop a prototype, he will need

success

experts in other disciplines to help make his idea a reality.

Dean Peck offers the iPhone as a template for bringing a technological marvel to market. "It is a magnificent piece of engineering that is beautifully designed and has an ingenious business model associated with it," he said.

The famous failures experienced by Apple on its way to colossal success highlight the wisdom offered by Schwalm. It's what Dean Peck calls the "confidence to fail," which another engineering alumnus said takes the courage and flexibility to drop a fruitless project, no matter how much time has been invested.

"You have finite time and finite energy," said John Berg '85, whose Franklin-based company Carpe Diem Technologies created the high-powered LED beacon lights atop New York City's Freedom Tower.

"If you don't like something, change it," he said. "If you don't know something, change that."

Barbara LeBlanc is a freelance writer

Innovation— it's in the very DNA of UMass Dartmouth and its graduates.

You'll also find it at Nye Lubricants in Fairhaven. William F. Nye first formulated oils from porpoise jaws to lubricate watches and other fine instruments. Today, the family enterprise led by George Mock develops synthetic oils and greases for customers around the world, including the automotive industry and NASA.

Mock said about 30 of Nye Lubricants' 170 employees either graduated from or have taken a significant number of classes at UMass Dartmouth. They include two managers, chemist Nicole St. Pierre '99 and mechanical engineer Jason Galary '01, who is now working on his master's at UMass Dartmouth, with plans to pursue a doctorate.

Being technically and scientifically proficient is essential to their jobs. But they find that softer skills, such as being able to communicate well, are also critical. "UMass Dartmouth encouraged and developed those skills," said Galary.

Seven UMass Dartmouth students are serving as interns at Nye, with opportunities for scientists as well as marketing and digital communications students. "Internships are the real focus for us now," Mock said. "These kids come in with energy and creativity."



SUPER COMPUTING

goes viral at

UMASSD



*Professor Gaurav Khanna
and the supercomputer built
from 176 SONY PlayStation 3
(PS3) gaming consoles.*



In 2005, Sigal Gottlieb was a young UMass Dartmouth mathematics professor in need of high-performance computer resources to pursue her research. At that time, federal agencies still operated most super computers, and academic researchers rented computer time, often a frustrating arrangement—it could take two weeks to run a one-hour job.

Dr. Sigal Gottlieb, center, works with doctoral-level mathematics students at the Center for Computing Science and Visualization Research; (l-r) Leah Isherwood, Zack Grant, Gottlieb, Sidafa Conde, Jiahua Jiang.

Demand for processing power was also increasing rapidly, as computer simulation, or modeling, became the approach of choice for more and more scientists, engineers, and mathematicians.

“We began to think about getting our own machine,” Gottlieb recalls.

She went online in search of kindred spirits among her UMassD colleagues, found several other computationally-deprived faculty across a range of disciplines, and contacted them regarding collaboration. Gottlieb wrote a research proposal around the collaboration idea, with acquisition of a supercomputer as the unifying theme.

The proposal wasn’t successful, but a flame had been lit, one that wouldn’t be extinguished. A truly multidisciplinary scientific computing group had been formed.

It’s more than play

Meanwhile, Gottlieb’s colleague in the Physics Department, Professor Gaurav Khanna, was taking a different route in pursuit of computational resources.

In 2006, Sony introduced the new PlayStation 3, an

extremely powerful gaming console that was selling for a very reasonable cost.

“One PlayStation is equivalent to 25 PCs in terms of computing power,” says Khanna. “So my wife bought me one for testing, and it was promising.”

The prospects of getting funding from the University or federal sources to buy Playstations looked bleak, so Khanna contacted Sony, who responded with a donation of four PlayStations. He bought three more, for a total of eight, enough (he calculated) to free him from supercomputer rental costs.

Khanna wasn’t the only one to see the computing potential of PlayStations. The U.S. Air Force Research Lab was building a 300-PS machine of their own—in their case to test urban surveillance applications—and in 2010, they gave Khanna access.

It takes a community

The informal scientific computing group continued to grow in size and activities including a seminar series on topics of mutual interest, brown bag lunches for discussion of shared research challenges, and a research retreat for participants.

Goal

Excellence
in Research,
Scholarship
and
Innovation

A career inspired by research

Zack Grant was an accounting student when he took a math class with Professor Saeja Kim his freshman year. He learned about an undergraduate mathematics research project, and a new career path was launched.

"It was the undergraduate research project with Professor Gottlieb that got me hooked on studying math," says Zack.

"I did more than 10 presentations at conferences and meetings while I was an undergraduate." Zack is the first in his family to graduate from college, and now he is entering the third year of his doctoral program. Zack applied for a number of different opportunities for the summer and has been selected for three.

He will spend two weeks at Rensselaer Polytechnic Institute and the University of Delaware in a mathematical modeling program. Then he will spend about five weeks at Dalhousie University in Nova Scotia working on numerical methods. At the end of the summer, he'll travel to Beijing to present a paper with his mentor, Professor Sigal Gottlieb, and their collaborators at the University of Michigan.

"I've worked closely with Professor Gottlieb since my first year at UMass Dartmouth," says Zack. "She really has helped guide me through my education."

"While most people don't stay at the same institution for their doctorate, I've had amazing opportunities here and met so many people from around the country and the world."



Physics Professor Robert Fisher (center) works closely with students to use computational models to study stars.

A breakthrough came in 2009, when Gottlieb and the group submitted two equipment proposals, one to the National Science Foundation and another to the Defense University Research Instrumentation Program.

"This time, we got lucky," Gottlieb says. "We got both."

With those two awards, and \$100K in start-up funds contributed by new faculty member Mehdi Raessi (Mechanical Engineering), the scientific computing group acquired its first supercomputer. The machine not only served current faculty as a resource, but also attracted new faculty to the group—and more talented faculty and students to UMass Dartmouth.

"The machine brought people together," says Gottlieb.

The rise of the machines

By 2011, the Air Force had built a 2000-PS machine, and Khanna was the number one user. So when they finished their testing with it, the Air Force offered all 2000 PlayStations to UMassD.

The care and feeding of 2000 PlayStations was beyond the University's capacity, but Khanna gratefully accepted 400 consoles, which have since been configured into one of the scientific computing group's new "core" machines.

To demonstrate the capabilities of the PS cluster, Khanna entered it in an international cryptography contest in which supercomputers vie to crack a complex encryption scheme. The UMassD machine is currently leading all challengers.

As an illustration of the difficulty level of the coded message, Khanna compares it to the infamous "Enigma" Nazi code that Alan Turing and colleagues eventually broke during World War II.

"The Enigma code?" Khanna chuckles. "Your iPhone would probably crack that in 10 seconds."

It's a high-powered, multidisciplinary future

Under Gottlieb's leadership, and with support from the Chancellor, Provosts, and Deans, a UMassD Center for Scientific Computing and Visualization Research was officially established in the fall of 2012. The Center "promotes and conducts high-level interdisciplinary and multidisciplinary research in scientific computing" and "mentors undergraduate and graduate students with interests in scientific computing in a supportive, broad, and deep interdisciplinary research environment." Gottlieb was named Director, and Khanna, Associate Director.

Today, with 20 faculty members plus affiliates, the Center administers a doctoral program in Computational Science, currently with 14 students. It operates three supercomputers and has been recognized as one of the top scientific computing groups in the world.

And though the original machine is now running at 80 percent capacity and advancing in computer years, the computing resources are staying ahead of the curve. The PlayStation cluster has become a "core" machine, and a California businessman recently donated to the Center a still "young" (2.5 years) million-dollar supercomputer that has retired from bitcoin mining.

"Having the Center backing us makes a big difference," says Gottlieb. "We transcend departmental boundaries, and the impact on training students in that kind of environment is substantial."

"The reason this works so well is because we have faculty who want it," she says. "This is not just about getting great scientists. It's about getting great people, too."

Frank 'Chico' Smith



Russell Prigodich MFA '15
Ouroboros
 2011, Granite, Red Oak
 Outstanding Student
 Achievement Award winner
Sculpture magazine

In the top 50 online nursing
 bachelor of science programs

College Choice



**In top
 2%** President's
 Higher Education
 Community Service
 Honor Roll

#25
 of 684 U.S.
 master's
 universities
 "acting on
 behalf of the
 true public
 interest"

Washington Monthly



Jacob Miller '16
 1st UMassD
 Truman Fellow

Jacob is one of only 58
 students across the country
 chosen for the prestigious
 Harry S. Truman Scholarship.
 The Scholarship supports
 the graduate education and
 professional development of
 outstanding students com-
 mitted to public service leadership.



**11 Faculty
 Fulbright Scholars**

named since 2009

**\$27.3
 million
 research funding**



7,437 undergraduates,
1,616 graduate students from
41 states, **56** countries

83 fields
 of study

53,583
 alumni

National
 honor roll
 for legal
 education
 practical
 training
 program
The National Jurist

1
 of the top
 New England
 public regional
 universities
U.S. News & World Report

\$5.4
 million worth
 of service in
201,547 hours
 performed for
 the community
 by UMassD
 students

One of the most
 environmentally
 responsible
 colleges in the U.S.

*The Princeton Review's
 Guide to 332 Green Colleges*

#1 online bachelor's program in Massachusetts, **#2** in New England, **#55** nationwide

U.S. News & World Report

Committed to



SERVICE

Chris LaPorte, a junior sociology and anthropology major from Milford, CT., has a big goal: bring change to the world by encouraging people to help others.

LaPorte has volunteered extensively, helping at PACE Pantry, Gifts to Give, My Brother's Keeper, YMCA Farm, Mercy Meals, and Sister Rose Soup Kitchen. This summer he travels to the Philippines for an internship as a social entrepreneur on the Gawad Kalinga Enchanted Farm in Manila.

LaPorte is one of thousands of UMass Dartmouth students who offer their time and talents to the SouthCoast region and beyond. They assist children at Head Start, help taxpayers file returns at New Bedford's Community Economic Development Center, beautify urban neighborhoods with art, and comfort the sick in hospital emergency rooms.

Sherline Dorcelus '15 is another example. She takes a lot for granted, she said—having food to eat, a place to stay, and people who care about her. So the senior English major from Brockton likes to remind herself of her good fortune by volunteering for community service throughout the year, including tutoring a fifth-grader through America Reads. She spent her spring break this year participating in an interfaith Spring Break Alternative program.

"You get to meet new people and learn about the circumstances they deal with," Dorcelus said, during a break from serving spaghetti at the Salvation Army soup kitchen in New Bedford. "It gives you a perspective on your own life."

Community service is integral to a UMass Dartmouth education for many students, no matter their major. Last year, students dedicated 201,547 hours of service at a value of \$5.4 million to the region. More than 100 faculty members

taught more than 200 service-learning classes that allowed 5,000 students to apply theory from the classroom to real problems in local organizations—education at work.

Dr. Matthew Roy, UMass Dartmouth assistant vice chancellor for civic engagement, sees service as essential to a complete education. "Through performing service, students develop a civic identity and recognize that their education is not just for themselves," he said. "When they graduate from UMass Dartmouth, they understand that

they are not just auditors or accountants or engineers. They are members of a society, and they can use their abilities not just for their own gain as members of a profession."

Service is not only good for communities, it benefits the volunteers, as well, said Deirdre Healy, director of community service and partnerships for the Leduc Center for Civic Engagement. "There is lots of evidence that these activities increase your health and well-being, as well as your opportunities in the world."

Many opportunities for engagement come through the Leduc Center, which Roy directs. The center was formalized in 2012 through a gift by Robert '78 and Jeanne Leduc, for whom the center is named. Robert, who is president of Sikorsky Aircraft, and Jeanne are very civic minded and wanted to demonstrate

their support of UMassD student service. Jeanne is a former ER nurse who has volunteered in soup kitchens, mentored disadvantaged youth, and helped found the Africa Teacher Foundation to strengthen teaching skills in Africa.

In addition, UMass Dartmouth received an anonymous \$1.14 million gift in 2014 to honor Rev. Dr. Robert P. Lawrence, pastor emeritus of the First Congregational Church in Fall River, where he was senior minister for 22



Goal Productive Collaborations, Partnerships, Community Engagement

(facing page)
Chris LaPorte volunteers
at People Acting in
Community Endeavors
(PACE) in New Bedford,
and assists (left) Roshani
Badwaik with shoreline
cleanup at Mass
Audubon's Allens Pond
Wildlife Sanctuary in
Westport.



Aubrie Brault '15 (bottom) and Samantha Smith '15 (top) celebrate the opening of the Students Helping Students Food Pantry for UMassD students.

Students Create a Food Pantry for Hungry Corsairs

College costs often leave students strapped for cash and without enough money to buy meals. Two UMassD student leaders knew this was a real problem on campus and found a way to help fellow Corsairs who were going hungry.

Endeavor Scholars Samantha Smith '15, a senior biology major with a minor in leadership/civic engagement and women's and gender studies, and senior Aubrie Brault '15, a dual English major, opened a food pantry at the beginning of the spring 2015 semester where UMassD students can get free food.

"Students shouldn't be trying to choose between buying books, paying for classes, and being able to eat every day," said Smith. "If the food pantry can help just one student, it will be worth the effort!"

Securing a location a few blocks from campus at the Dartmouth Bible Church (52 Morton Avenue), Smith and Brault stocked the once empty shelves and cabinets of the church's kitchen with soup, cereal, pasta, tuna, chips, peanut butter, mac and cheese, and canned goods. Non-perishable

items came from a food drive, and donations made it possible to offer fresh fruit, bread, and milk.

The pantry did far more than help one student. It was open weekly on Wednesdays from 1-3 and started with 5 students visiting the first week, then 8, 15, 20, and 22 and more as word spread. By the end of the semester, 78 students had picked up bags of food at the pantry.

The need is not unique to UMass Dartmouth. According to the Massachusetts Department of Higher Education, 19 of the state's 29 public college campuses offer food pantries, markets, or meal vouchers to their students as of November, 2014.

Management of UMassD's food pantry will transition to Endeavor Scholar Rhesa Cumberbatch '16 this fall. The location will continue at the Dartmouth Bible Church, and a new location on campus will be added at the Cedar Dell Community Center to include expanded and some weekend hours.

www.facebook.com/UMDFoodPantry



(Standing l-r) Audrey Cane '15, Elsa McGilvroy, Marie Destin, Naomi Baidoo, and (front) Ashley Nunez '14 begin work on a pocket park at the corner of Phillips and Acushnet Avenues in New Bedford.

years. The gift supports community service educational initiatives and established the Rev. Dr. Robert P. Lawrence Hall in Woodland Commons.

Rev. Lawrence, who received an honorary degree from UMass Dartmouth in 2007, has a long history as a highly engaged community leader, and is renowned for taking a leadership role in helping remove guns from the streets of Fall River.

For Emike Momodu '18, a first-year biochemistry student from Milford, those are lives worth emulating. She enrolled in UMass Dartmouth through the Endeavor Scholars Program, which provides full scholarships to talented students with a passion for community service and a desire to lead. Her current volunteer activities include tutoring a fifth-grader in Dartmouth and working in the emergency room at St. Anne's Hospital. She wants to attend medical school and care for wounded vets, as well as assist her native Niger, where her understanding of community interdependence was born.

"Things were not built for us there," she said. "We have to rely on each other."

UMass Dartmouth's national reputation for service is growing, leading to its 2015 reaccreditation for the prestigious Community Engagement Classification by the Carnegie Foundation for the Advancement of Teaching. Only 361 of the nation's 4,000 colleges and universities earned this designation, Roy said.

Also this year, UMass Dartmouth was a finalist for the third year in a row for the President's Higher Education Community Service Honor Roll. The University was recognized with distinction in the community service, interfaith, and



Students tutor elementary school children through the America Reads program.

economic development categories.

UMassDTransform2020 has renewed the University's commitment to support and expand collaborations that enable a mutually beneficial exchange of knowledge and resources to address critical societal issues in the SouthCoast region.

That is exactly what LaPorte wants to do. His work with the homeless and hungry has revealed common threads in a community's social and economic woes, he said.

"When I graduate, I want to put it all together for a solution," said LaPorte. "I want to help others realize that you don't have to adapt yourself to what the world anticipates. Actually you should get involved and change the cycle. Reach for happiness and you'll understand that it's not about you, it's about serving humanity."

Barbara LeBlanc is a freelance writer

Reimagine UMassD

What facilities does UMass Dartmouth need or want? The development of the new Campus Master Plan creates a future that will complement the goals of the strategic plan and help meet the long-term educational needs of students.

It is a project that requires special expertise, and the designLAB architects and Ayers Saint Gross were selected to fashion the comprehensive Master Plan. They are working

*The UMass
Dartmouth
campus is
the concrete
culmination
of Paul Rudolph's
vision of an
academic utopia.
Today, UMass
Dartmouth is
building on the
vision of the renowned
dean of Yale's School
of Architecture with a
new Campus Master Plan.*

in conjunction with the Commonwealth's Division of Capital Asset Management and Maintenance (DCAMM).

Getting down to basics

An inventory and assessment of the existing buildings and grounds identified needs. Focus group meetings, town hall meetings, and interactive media opportunities have encouraged everyone to provide suggestions and feedback and help set priorities.

"Just like our strategic planning process, the Campus Master Plan process includes input from students, faculty, staff, alumni and the community," said Michael Hayes, assistant vice chancellor for master planning and capital projects. "We want to be sure that we are listening to the people who live and work on this campus and in the community."

Ideas have ranged from a new student Campus Center to much needed and deferred maintenance projects. The final report is due to be presented in the fall of 2015. At that point, priority projects will be identified and timelines established, as well as expected budgets.



Campus Master Plan forums were organized by Ayers Saint Gross, designLAB architects, and DCAMM.



Building from the ground up

Even as the Master Plan is moving toward completion, some major projects that had already been identified have begun.

Ground has been broken and the Charlton Learning Pavilion construction is underway. The project, expected to cost \$15 million, will provide “smart” classrooms, new technology labs, and group study areas to enhance and consolidate the learning experience for business students.

“The new space will provide our students and faculty with an inspiring and technology-rich environment to learn, teach, and conduct research,” said Charlton College of Business Dean Angappa Gunasekaran.

Moving ahead

A second building for the School for Marine Science and Technology (SMAST) has been in the planning stages for several years and is a cooperative project with the Commonwealth.

Demolition at the Naval Reserve Center, next to the SMAST building, is expected to start this summer, with a groundbreaking in the fall of 2015.

The new \$55 million facility will be 76,000 square feet, more than double the existing SMAST facility. It will include a two-story laboratory wing, a three-story office wing, and a seawater facility. The Division of Marine Fisheries will have offices in the space, as well.

UMass Dartmouth also has received a \$55 million commitment from the Commonwealth for what will be our Interdisciplinary Science and Engineering Building. The building will complement our existing STEM facilities and, reflective of the interdisciplinary nature of innovation and entrepreneurship, the facility will bring together different disciplines for teaching and research.

The architectural programming phase has begun and includes the Colleges of Arts and Sciences, Engineering, and Nursing. Construction is expected to be completed in 2018.



The future SMAST building will enhance the New Bedford waterfront while expanding research capacities.



The Charlton Learning Pavilion will add much needed classrooms and learning spaces.



(above) The Living Gallery Mural Project: A giant mural will be mounted on the Campus Center facing the quad. The colorful postmodern industrial deco imagery is the work of artists Angelina Marino Heidel and Joel Heidel.

(left) The hanging garden is the work of Living Gallery committee member and Westport Art and Garden owner John McCormack.

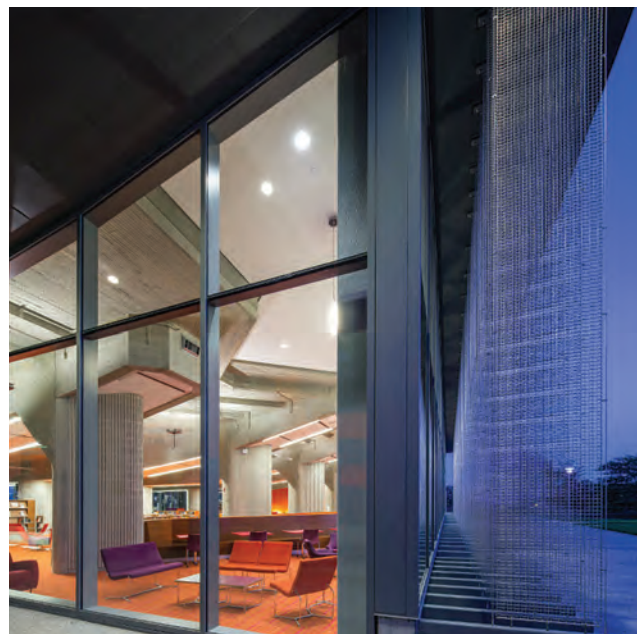
Creating a new campus aesthetic

At the same time, Chancellor Divina Grossman initiated a project to make the UMass Dartmouth campus an artistic and architectural destination. The Living Gallery Committee has been meeting for more than a year with renowned local and regional cultural/artistic leaders to reimagine the campus aesthetic.

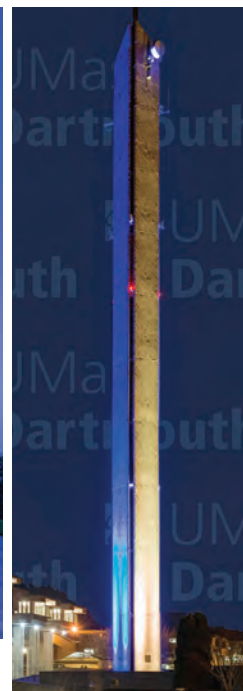
Chancellor Grossman and CVPA Dean Adrian Tio are driving the initiative to identify and implement projects that enhance Rudolph's design through landscaping, sculptures, and murals.

The implementation of the UMass Dartmouth strategic plan and the campus master plan will create a colorful new reality on campus.

Renee Buisson



The warmth from the Claire T. Carney Library beckons at dusk, as does the Karam Campanile bathed in blue and gold lights.



A big heart and a Heart Saver Hero Award to prove it

The morning of November 16, 2014, Kenisha Starks was on a treadmill at ClubFit in Dartmouth when she saw a man collapse on a treadmill near her.

John Lyons was turning blue, so Kenisha, a UMassD nursing student and a Certified Nursing Assistant at Charlton Memorial Hospital, started CPR and didn't stop until Lyons was able to breathe again on his own. It felt like an eternity to Starks. In an interview with the *Herald News*, she said, "I was pumping so long, I don't know where I got the strength."

Emergency medical teams arrived at the scene and transported Lyons to Charlton Memorial Hospital, where he was stabilized. Later it was learned he had suffered a heart attack from a completely blocked artery that restricted blood flow.

Dr. Peter Cohn, physician-in-chief for the Cardiovascular Care Center at Charlton, said, "Lyons was lucky a bystander knew CPR."

Starks, a native of Jamaica who always dreamed of moving to the U.S., becoming a nurse, and saving lives, is happy that Lyons survived and could spend the holidays with his family.



Photo: Dave Souza, Herald News

John Lyons (left) calls nursing student Kenisha Starks (right) his guardian angel. Starks received the Heart Saver Hero Award from the American Red Cross for saving Lyons's life.



A marathoner on a mission

Running a marathon takes preparation, dedication, and grit. It helps when there is also a good cause.

For two years in a row, UMass Dartmouth athlete and nursing student Renee Laurencelle '15, a member of the University's women's track and field and cross-country teams, has run the Boston Marathon to raise money for the Krystle Campbell Scholarship Fund. Her unofficial time for 2015 was 03:47:34.

The Scholarship Fund honors the former UMass

Boston student who tragically succumbed to injuries from the April 2013 bombings at the Boston Marathon.

The scholarship provides monetary support to students across the five campuses of UMass.

In an interview with Channel 12 Eyewitness News, Laurencelle talked about her motivation to run for Krystle. "She was part of the UMass system. I heard she was a great student and she was a fellow runner. It's really humbling to run for such a great cause," said Laurencelle. "Running for somebody else just makes it all the more worthwhile to do."

Laurencelle raised

\$7,027 for the fundraiser in 2015 and more than \$6,000 in 2014 with fellow student runner, Eric Karstunen '15. In total, the Run For Krystle team, which includes students and alumni from across the UMass system, raised more than \$100,000 in 2014 and \$56,805 so far this year.

The scholarship was set up by University of Massachusetts Trustee Richard P. Campbell, J.D. Serving as the not-for-profit partner for the Krystle Campbell Scholarship endowment, the UMass Foundation is responsible for receiving and managing private gifts.

www.runforkrystle.com

Renee Laurencelle '15 trains over the winter for the 2015 Boston Marathon, raising more than \$7,000 for the Krystle Campbell Scholarship Fund.

In memory of Earle Perry “Chuck” Charlton 1926-2015

UMass Dartmouth and the SouthCoast lost a tremendous advocate and benefactor when Earle Perry “Chuck” Charlton passed away on May 24, 2015.

Gifts from the Charlton Foundations were donated to name the Charlton College of Business in honor of Chuck’s grandfather, retail giant Earle P. Charlton. The College embodies Chuck’s and his grandfather’s focus on quality, ethical principles, and a driving entrepreneurial spirit. More recent gifts from the Foundations to UMassD have launched the building of the Charlton Learning Pavilion.

Chuck lived on the West Coast, and yet retained strong ties with

his SouthCoast roots. He focused donations from the Charlton Foundations to support education and healthcare in this region. He will be sorely missed.

“Chuck Charlton was an honorable man; a dear friend and an admirable benefactor,” said Chancellor Divina Grossman. “His legacy will live on at UMass Dartmouth in the lives and careers of the students who learn to be business leaders.

“Chuck always emphasized the importance of success in business while giving back and supporting one’s community—ideals he learned from his grandfather. We have been blessed by his generosity and his spirit and will continue to



Chuck Charlton met with business students on Nov. 6, 2013 at the “Unveiling the Vision” ceremony for the Charlton College of Business expansion.

hold him in our hearts.”

The Charlton College of Business Learning Pavilion, expected to cost \$15 million, will provide new spaces for “smart” classrooms, technology labs, and group

study areas to enhance the learning experience for business students.

Earle P. Charlton was the successful entrepreneur who founded the E.P. Charlton & Co. 5 & 10 Cent

Store, starting in Fall River in 1890 and developing it into a major chain of 53 stores throughout the U.S. and Canada.

UMassD nursing around the world

Rear Admiral Julia Plotnick (Ret.) donated \$1.25 million to the College of Nursing in 2014 to endow a global health professorship. The Julia and Harold Plotnick Endowed Professorship supports a tenured faculty position that will focus on research and innovative teaching methods to advance global health.

“UMass Dartmouth’s College of Nursing enjoys a proud history of community involvement with graduates who are now in leadership positions locally, nationally, and globally,” Plotnick said. “My hope is that generations of nursing scholars will continue to embrace that far-reaching and compassionate world view.”

The focus on global health will advance interdisciplinary scholarship at UMass Dartmouth, while infusing the College of Nursing with an international perspective and preparing nurses for global health practices. Endowed professorships also help attract and retain world-class faculty.

Plotnick graduated from St. Anne’s Hospital School of Nursing and served as the U.S. Assistant Surgeon General and Chief Nurse Officer of the U.S. Public Health Service. A native of Fall River, she co-authored “Volunteering at Home and Abroad: The Essential Guide for Nurses” with UMass Dartmouth Nursing professor emeritus, Dr. Jeanne Leffers. She received an honorary doctorate from UMass Dartmouth in 2010 and served as a lead commencement speaker.

“This generous gift is an investment in our nursing students, faculty, and programs as they reach new levels of academic excellence, particularly in confronting the global health challenges,” said Chancellor Grossman.

Julia Plotnick talks with UMass Dartmouth nursing students during a campus visit in Fall 2014 when the College of Nursing recognized her significant contributions.





Dr. Sheila Macrine presented at the 2014 Qatar Foundation Annual Research Conference in Al Noor, Qatar.

Professor Macrine helps blind children half a world away

Health care professionals in the U.S. routinely screen children for developmental disorders and delays, yet there is a lack of developmental assessments for children who are blind or visually impaired. The situation is even more limited when evaluating young children with visual impairments who speak languages other than English.

Dr. Sheila Macrine, associate professor of education at UMass Dartmouth, is changing this on a global level.

Macrine received a three-year \$600,000 grant from the Qatar National Research Fund to help adapt a U.S.-based assessment tool to serve Arabic-speaking preschool children who are blind or visually impaired.

“My research is committed to the development of accessible assessments for all children, and this research project has been one of the most rewarding experiences of my life.”

The tool—which will be used to determine the children’s skill and performance levels—consists of 835 behavioral statements that are developmentally sequenced into eight areas: cognitive, language, social, vision, compensatory, self-help, fine motor, and gross motor.

Her work received the first prize award for “Best Research in Social Science,

Arts and Humanities” at the 2014 Qatar Foundation International Annual Research Conference.

“My research is committed to the development of accessible assessments for all children, and this research project has been one of the most rewarding experiences of my life,” said Macrine.

Nurses bridging the Atlantic

The first nursing student-faculty exchange between UMass Dartmouth and the University of the Azores took place this spring as part of the “Bridging the Atlantic Project.” This project, funded through a generous \$100,000 pledge by the DeMello Charitable Foundation, establishes a long-term international alliance in community health and creates an academic and cultural exchange between the two universities.

The program involves eight students and one faculty member from each university. UMassD nursing students traveled to the Azores over spring break as part of their Community Health Nursing course to assess the health needs of

deportees from both countries. And in April, students and faculty from the University of the Azores came to UMassD.

“UMass Dartmouth is committed to advancing our relationship with the Portuguese community, both here on the South-Coast and abroad, and we are deeply grateful to the DeMello Charitable Foundation’s support,” said Chancellor Grossman. “This program presents a new, unique opportunity to foster innovative and enriched learning, and impactful research with a global perspective.”

The DeMello Charitable Foundation Board of Trustees stated that, “This contribution is in line with

the foundation’s educational and medical initiatives and we are happy to be able to support the local and Azorean communities.”

“This new program supports the students and faculty of two universities dedicated to improving the health of all persons in our global society through education and partnerships,” said Assistant Professor Maryellen Brisbois.

“The College of Nursing enjoys a proud history of community involvement locally, nationally, and globally with graduates of our BS, MS, DNP, and PhD programs,” said Dean Kimberly Christopher. This new academic and cultural exchange program is an exciting step towards advancing our global initiatives.”



Students and faculty from the University of the Azores and UMass Dartmouth toured the Ferreira-Mendes Portuguese-American Archives in spring 2015.

The Cape Verdean Student Association brought the U.S. Ambassador to Cape Verde to campus in spring, 2015. (l-r) Janet Lopes, CVSA; U.S. Ambassador Adrienne O’Neal; Chancellor Divina Grossman.





UMass
Dartmouth

alumni



Jack Moynihan

Interim Vice Chancellor
of Advancement

Dear alumni, parents and friends,

With the *UMassDTransform2020* strategic plan underway, the university is on the cusp of major changes. While we have exciting goals, there is one success metric that can't be measured by buildings built or degrees awarded — and that metric is Corsair pride.

That's where I ask you to come in.

You are our best ambassador of all that is great about UMass Dartmouth, and all the great things to come. For *UMassDTransform2020* to succeed, we need you to help set the stage with the immeasurable importance of shared pride in your school.

In the coming months, you will see more information coming your way than ever before, and have more opportunities to engage with the University and your fellow alums.

If you are coming to an alumni event, grab fellow alums and bring them along. If you have a great story to share, we want to know about it. Please contact me at jack.moynihan@umassd.edu if you have an idea for engaging alums in your region. Above all, give voice in the community to the new day that is dawning at UMass Dartmouth.

Jack

“Above all,
give voice in
the community
to the new
day that is
dawning
at UMass
Dartmouth.”



A highlight of **Homecoming Weekend** was a 50-year celebration of the Alumni Association's boards of directors. Pictured above are those attending the reunion, including past presidents in the front row (l-r): Judith Lima '87; Al Caron '69; Susan Whitney '96, MBA '00; Athena Mota '04; Jennifer Granger '05 (current); David Alves '69; Al Wilson '65.

FLORIDA

Each March, the Chancellor visits with our many alumni in Florida. It's great to see so many friends reunite.



Fort Myers



Orlando



Fort Lauderdale



Naples



Our Golden Grads

Grads from at least 50 years ago come to the Dartmouth campus to reunite with old friends every year. And every June, it's just as sweet.

Sign up online next year!



The Ferreira-Mendes Portuguese-American Archives

Chancellor Grossman with Justina (l) and Otilia (r) Ferreira, two of the University's ardent supporters, celebrated the Ferreira-Mendes Portuguese-American Archives' 5th Year Anniversary.

44th Annual Alumni Awards Ceremony

Chancellor Divina Grossman congratulated recipients of the 2014 alumni awards: (l-r)

Catherine O'Keefe, PhD '13,
Richard Aubut '75,
Nuno Couto '97,
Dr. Grossman,
Stephen Marshalek, JD '94,
Valquiria Ribeiro, JD '05,
Roger Dugal '70, JD '89,
Jean F. MacCormack



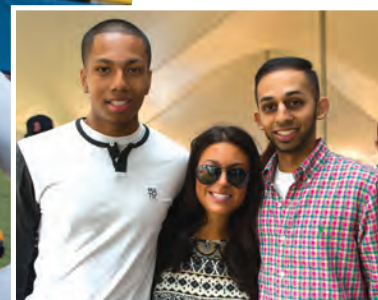
In a new series of workplace get-togethers, Chancellor Grossman met with 50 alumni employees at EMC in Hopkinton. We are forming an alumni chapter for the almost 200 alumni employees who work at EMC.



Alumni returned to campus to celebrate the 45th anniversary of the College of Nursing.



Stay connected **HOMEcoming 2015**



the 1950s

Dr. Augustine 'Gus' Silveira '57, Hon. '75 of Fairhaven and San Clemente, CA, spoke at the Syracuse section of the American Chemical Society on Education Night, which celebrates student achievement awards, and recognizes outstanding chemistry teachers in central New York. Dr. Silveira's talk was entitled "Follow Your Dreams—Careers and Opportunities in Chemistry."

the 1960s

Charles Brock '60 of Jasper, AL, notes his degree was the beginning and ending of a very rewarding and fruitful career, starting in Willimantic, CT, and ending in Mexico. "This Georgia boy met a beautiful girl from New Bedford and my degree allowed us to live life to the fullest. There always will be a special place in my heart for N.B.I.T. and great friends such as Will, Nick, and many, many more!! Message to recent grads: Observe your classmates, these are your friends not just in college, but for life. God is good." **William G. Camara '64** of Swansea was awarded the first Justices of Probate Courts Award for Pro Bono Publico Excellence in providing legal assistance for poor and low income individuals throughout southeastern Massachusetts. **Roland J. Duphily '66** of Long Beach, CA, works as a senior engineering specialist at the Aerospace Corporation in El Segundo,

CA. Roland supports numerous spacecraft programs in the area of risk assessment and reliability engineering. He enjoys his work, has no near-term plans for retirement, and attended last year's alumni reception in Los Angeles.

Richard A. Pacheco '68 of New Bedford was nominated for a 2015 Pulitzer Prize for his volume of poetry, *Geography*, published by Pisces Press.

John 'Tank' Sherman '68 of Cocoa, FL, was honored as River Rat of the Year (RROTY) for 2014 by the Red River Valley Fighter Pilot Association in recognition of his sustained support of the mission, goals, and activities of the organization.

the 1970s

Stephen Rebello '71 of Los Angeles, CA, was very busy when his 1990 book, *Alfred Hitchcock and the Making of Psycho* was made into the feature film called "Hitchcock," starring Oscar winners Anthony Hopkins as Hitchcock and Helen Mirren as Hitchcock's wife, Alma Reville.

Richard D. Strong '71 of Painesville, OH, is chief chemist at Portage Precision Polymers, Inc., a North American custom rubber and silicone mixing company.

Ernie Blais '73 of Ewing, NJ, retired from the Federal Highway Administration after 39+ years with the agency. Prior to working as division administrator for New Jersey, he served as the Vermont division

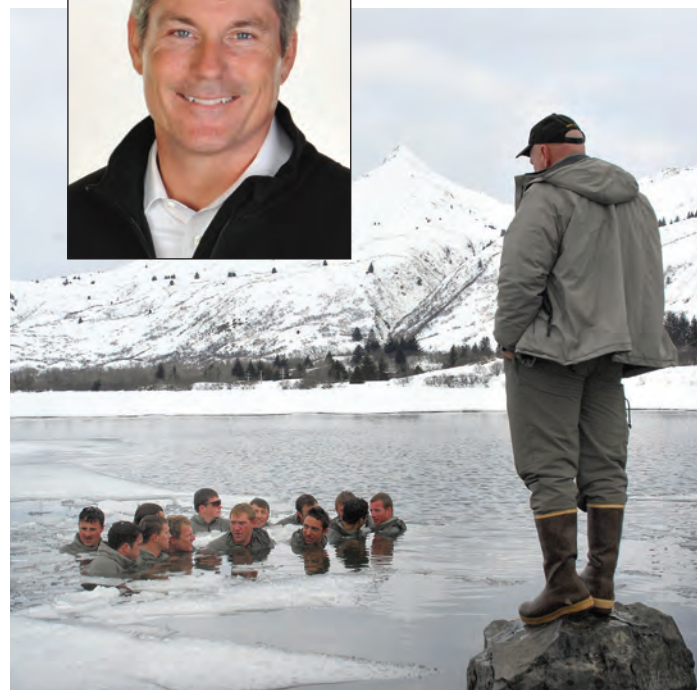
administrator. He began his career with FHWA in 1974 via the Engineering Training Program and held various engineering positions in the Connecticut, California, and Ohio Divisions. He also worked in FHWA's Washington headquarters and the Turner Fairbanks Research Center. Ernie and his wife, Marilyn, have three grown children and four grandchildren.

John E. Hearn '73 lives in Jamestown, NY, and is a sociology professor at Jamestown Community College. He received the Chancellor's Award for Excellence in Scholarship and Creative Activities in 2014 after also receiving the Chancellor's Award for Excellence in Teaching in 1996.

Suzette Cardin '74 of Redondo Beach, CA, has retired as assistant dean of Student Affairs at the UCLA School of Nursing.

Stephen J. Souza '74 of Ringoes, NJ, is president of Princeton Hydro, LLC. He received the Peter Homack Award from the American Water Resources Association, New Jersey Section. His academic training and professional experience include three primary areas of expertise: aquatic resource restoration and management, fishery and benthic surveys, and storm water quality modeling and management. Steve has been a leader in the management and restoration of lakes and watersheds in New Jersey and beyond.

Laurie M. Donovan '77 lives in Richmond, VT, where she is owner of Laurie Donovan Designs, which



Michael Joyce '85

Innovating the textile industry

An alumnus of the textile chemistry program, Michael Joyce '85 (inset above) has spent his career on the cutting edge of change. As the CEO of PrimaLoft®, a global company that provides insulation and technical fabrics used in outdoor apparel, footwear, and accessories, he appreciates the power of innovation.

"The U.S. military approached PrimaLoft with an R&D project," said Joyce. "The military used goose down in most of its cold-weather outerwear. Our challenge was to produce insulation that had the warmth and compressibility of down while maintaining its warmth when wet—that's how PrimaLoft was born."

Now, PrimaLoft is an ingredient brand in products made by the biggest names, including L.L. Bean, The North Face, Patagonia, Under Armour, Helly Hanson, and Land's End.

"Innovation is meaningless unless there is an existing market for your innovation or your innovation creates a new market. Understanding the total value stream—from R&D to supply chain to logistics—is critical to realizing the value to the customer as well as the company."

UMass Dartmouth is fortunate that Joyce has invested his time and vision to support the College of Engineering and serve on its Advisory Board. He knows a better future will be built on UMass Dartmouth's tradition of academic excellence, whether it is textile chemistry or bioengineering.

offers contemporary and antique jewelry made from fine-colored gemstones that include one-of-a-kind items made from precious metals.

Edward Hill, Jr. '77 of Swansea was the co-chair of a volunteer committee in Swansea that completed a new Veterans Memorial Green in the center of town.

Carol Lareau '77 lives in Mattapoisett, where she and her family own and operate Tastebuds Bistro & Catering. Her daughter is a baker and her son a chef at the family-run business.

Barry Van Dusen '77 of Princeton received the 2014 Master Wildlife Artist medal from The Woodson Art Museum in Wausau, WI.

Claudia Robitaille Grace '78 of New Bedford published in "Ocean Voices," a Spinner Publications' poetry anthology. Claudia presented at the 2013 Massachusetts Poetry Festival held in Salem. She is the director of A.C.C.E.S.S. Art Corp. Int'l and works as an educational consultant.

Robert B. Gaw '79 of Tiverton, RI, is president and CEO of Physicians Resource Network, Inc., a medical equipment sales and service company located in Fall River. He sent word that PRN was selected by Dotmed, Inc. as the number one medical equipment dealer in the United States. His son, **Robert M. Gaw '06**, Somerset, works as the vice president of sales for the company.

Peter D. Martelly '79 of Swansea is associate chief medical officer for the Southcoast Hospitals Group, which includes Charlton Memorial Hospital

in Fall River, St. Luke's Hospital in New Bedford and Tobey Hospital in Wareham.

the 1980s

Lisa J. Cohen '80 of Norton received certification as a yoga teacher in 2012 by the Kripalu Center for Yoga and Health in Stockbridge. Self-employed, Lisa teaches yoga in the New England area, and works as a business systems analyst for regulated industries, specializing in supply chain, quality, and operations.

Sherilyn McCoy '80, Hon. '13 of Skillman, NJ, is CEO of Avon Products. She returned to campus in September 2014 to talk about "Leadership and Innovation" in front of a packed room and to join University officials in a ribbon-cutting ceremony at UMass Dartmouth's Bioengineering Laboratory.

Roger P. Tache '80 of Fall River is a board member of the Emeril Lagasse Foundation.

William Chase '81, MBA '90 of Franklin, TN, is CEO of ARx Healthcare, a revenue cycle management firm.

Mansour Ghalibaf '81 of Worcester is an ownership partner and president of Hotel Northampton. He returned to campus in November 2014 for the first time in 33 years to speak with DECA students.

Paul G. Marshall '81 of Poway, CA, is senior vice president of technical operations at A.P. Pharma, Inc.

John D. Rogers '81 of Fall River was named the Catholic Memorial Home Alzheimer's programming

and marketing director. Rogers, a licensed social worker for 30 years, has been a dementia caregiver support group leader for more than 20 years.

Dennis J. Vieira '81 of Dartmouth has written *Totem Animals: A Lecture—Why Native Americans Believe Animals Have the Medicine Powers They Do*. It is available through www.lulustore.com

Katherine Chmiel '82 of Rochester is deputy commissioner of Classification, Programs and Reentry for the Massachusetts Department of Corrections. She lives with her husband James Coleman and their three children.

Sharon '83 and Don '84 Nikosey of Wakefield have turned their love for track into positions as track officials. They encourage others who have a love of track and/or cross country to join the Mass. Track & Field Officials Association. Information can be found at www.mtfoa.com

Mary Louise Nunes '83 of Dartmouth was appointed to a second consecutive term on the professional ethics executive committee of the American Institute of Certified Public Accountants.

Gregory Vickowski '83 of Cumberland, RI, is CFO of The Procaccianti Group/TPG Cos, a real estate company that acquires, manages and renovates upscale, full-service hotels throughout the U.S. He returned to campus in October 2014 to speak with the student investment club.

John A. Cappelano '84 of Sacramento, CA, is vice president and portfolio

manager of the private client reserve team for U.S. Bank.

Gregory C. O'Neil '84 of Hopkinton works as a senior operations manager for FedEx.

John D. Plante '84 of Glastonbury, CT, is senior principal/executive vice president of Langan Engineering and Environmental Services. He leads the firm's New Haven office providing land development consulting. John serves on the State of Connecticut General Assembly's Shoreline Preservation Task Force.

John Thomas '84 has returned to Malaysia and encourages classmates to contact him at msiajt@yahoo.com

John S. Berg '85 founded Carpe Diem Technologies, which designed and built the optics and high-powered LED fixtures for the "Beacon of Freedom" that was installed on One World Trading Center in New York. He lives in Franklin with his wife and two boys, and has a summer cottage in Mattapoisett.

Michelle Burns-Kessler '85 of Richmond, VT, teaches a Forever Young Rembrandt for Adults class through the Milton Recreation Department in Milton.

David Cabral '85 of Acushnet founded Five Star Manufacturing in 1998. The company was awarded a workforce training grant from the Commonwealth of Massachusetts to train associates in lean manufacturing principles. It is on the road to being a leader in medical device manufacturing. Five Star employs more than 100 associates

and operates in the New Bedford Business Park.

Rick Medeiros '85 of Topsfield is senior estimator for Windover Construction of Beverly.

Mark R. Moreau '85 of Lakeville works in the Commercial Landing Division of HarborOne Bank. Previously, he served as senior vice president for TD Bank in Braintree.

David A. Pontbriand '85, MA '01 of Alexandria, VA, served as a Department of Defense volunteer with the U.S. Army 1st Cavalry and Infantry Divisions at Joint Operations Command, Bagram Air Force Base, Afghanistan, in 2012. He received the Department of the Army Achievement Medal for Civilian Service and the NATO Medal for Supporting International Security Assistance Force Operations.

Mark D. Ritucci '85 of Middleboro is regional manager for commercial vehicle aftermarket sales for the eastern regions of the U.S. and Canada for the Timken Company.

Ronald Rudnick, MFA '85 of East Freetown created and donated "Gerry's Window" to the UMass Dartmouth campU.S.. The stone and steel sculpture is located in the center of the nautilus bench adjacent to the College of Visual and Performing Arts building.

Elizabeth Talerma '85 of New York, NY, is CEO and managing partner of Nucleus, a New York-based brand strategy firm.

Susan M. Gonsalves '86 of Leicester works as a freelance writer/editor at Worcester-area higher education campuses,

IN MEMORIAM Naseer Aruri, 81

Chancellor Professor, Political Science Department Chair,
internationally recognized Middle East expert

There are few whose life and work touch the lives of tens of thousands across countries, cultures, and decades. Naseer Aruri, Chancellor Professor of Political Science at UMass Dartmouth, was known internationally as one such man.

The news of his passing on February 10, 2015 from complications related to Parkinson's Disease traveled quickly from North America through Europe and the Arab world, bringing sorrow and reflection on his lifelong commitment to justice.

Born in Jerusalem, Palestine on January 7, 1934, Professor Aruri immigrated to the United States in 1954 in order to pursue a college

education. He received his B.A. in history from American International College and his Ph.D. in political science from UMass Amherst.

Professor Aruri served on the faculty of UMass Dartmouth from 1965 to 1998, and chaired the political science department for eight of those years.

Throughout his career, Professor Aruri worked for justice for Palestinians and Arabs, and was a passionate scholar-activist and expert on Middle East politics, U.S. foreign policy in the Middle East, and human rights. He served on the Board of Directors of Amnesty International, USA (1984-1990) and for the Board

of Directors of the New York-based Human Rights Watch/Middle East.

Professor Aruri lectured at hundreds of universities and scholarly conferences and appeared as a guest commentator on numerous media outlets, including ABC, PBS, CNN, Al-Jazeera, NPR, the BBC, and Radio Pacifica. He published widely in newspapers, magazines, and scholarly journals throughout the globe, and was the author/editor of more than a dozen books, chiefly on the subject of American foreign policy toward the Israeli-Palestinian conflict.

Despite his prolific scholarship, his most rewarding moments were in the classroom. When presenting him with an



award, the University Student Senate said, "Charismatic and extraordinarily accessible, you have communicated to your students, along with a wealth of information and unique insights, a respect for them as valuable human beings and genuine interest in their personal and academic evolution."

He is survived by his wife Joyce Thomas, four

children—Faris, Karen Leila (who teaches at UMass Dartmouth), Jamal, and Jay—as well as 13 grandchildren, two sisters, a niece and nephew.

Professor Aruri's papers have been preserved at the Claire T. Carney Library Archives and Special Collections at UMass Dartmouth.

magazines and non-profits.

A. Keith Broyles '88 of Mansfield is national director of New Business Development at First Niagra Commercial Finance.

Claudette Azar-Kenyon '89 of Dartmouth was named vice president, compliance officer at Bank of Cape Cod.

Stephen V. Calabro, JD '89 of Fort Myers, FL, is executive director of the Clinic for the Rehabilitation of Wildlife on Sanibel Island.

Jeffrey A. Duchemin '89 of Haverhill is president and chief executive officer of Harvard Bioscience, Inc., a global developer, manufacturer, and marketer of

a broad range of tools to advance life science research and regenerative medicine. Prior to joining Harvard Bioscience, Jeff spent 16 years with Becton Dickinson and was global business director for Corning Life Sciences. **James T. Gibbons '89** of Hampton, CT, is a senior associate with Gannett Fleming.

William Pacheco '89 of Bridgewater is director of engineering and product design at Cybex International, a manufacturer of gym equipment, in Medway.

the 1990s

Bob Almond '90 of New Bedford works as the professional inker, columnist and creator of the Inkwell Awards. Besides inking, Bob is a columnist with an encyclopedic knowledge about everything comic book-related. In an effort to bring more attention to the craft of inking, Bob founded the "Inkwell Awards" to educate and inform the community about the craft of comic book inking, and to recognize its artists, all for the

celebration and advancement of the art form.

Christopher B. Cooney '90 of Berkley was elected to the Board of Trustees of Eastern Bank. Chris works as the president and CEO of the Metro South Chamber of Commerce, located in Brockton. Previously he served as president and CEO of the Cape Cod Canal Region Chamber of Commerce and vice president of the Plymouth Area Chamber of Commerce.

Linda M. Pacheco '90 of Bridgewater is both an RN at Brigham & Women's Hospital and the CEO of Offshore Investment

Solutions, which is a real estate investments and acquisitions firm.

Nancy F. Pimentel '91 of New Bedford is vice president/indirect lending at Bristol County Savings Bank.

Scott Wells '91 of Los Angeles, CA, worked as a senior character artist at Treyarch/Activision in Santa Monica on *Call of Duty Black Ops* games. In his spare time he is using a combination of traditional sculpture and 3D printing techniques to explore developing an independent line of figurines and toys.



Jeff Conway '87

Global banker with State Street Bank

When Jeff Conway graduated from the Charlton College of Business in 1987, he knew he wanted to go into banking. Now, more than 25 years later, he has risen within the ranks of State Street Bank to be an executive vice president and head of State Street across Europe, the Middle East and Africa (EMEA).

Jeff's responsibilities include all global services, securities lending, and trading and research functions for State Street, as well as its Global Exchange business across EMEA. He is also a member of State Street's Management Committee, the company's most senior strategy and policy-making team.

He looks back at his time at UMass Dartmouth (then SMU) as the platform for his current success. "It is the relationships with professors and friends at UMass Dartmouth that really shaped my education. This is a strong community that encourages students to take advantage of all their opportunities.

"My recent interactions with the UMass Dartmouth leadership show that this same culture still exists. I am so impressed with the diversity and the scale of the academic programs. It makes me proud to see the growth of the University."

As Jeff focuses on his new responsibilities, he remains committed to giving back to the institution that helped propel him. "It is so important to ensure that the next generation has the same advantages I had. UMass Dartmouth is a very special place."

Jonna Dondero '92 of Quincy works as the vice president and senior national account director for Touchstone Investments.

Rev. Scott A. Ciosek '93

lives in South Dartmouth, where he is pastor of St. Peter's Episcopal Church.

Jodi Sullivan '93 is senior director of fitness and wellness at the Boca Raton Resort & Club.

Dana Esposito '94 of Shrewsbury is creative director at Elevation Exhibits & Events.

Lynn Motta '94 of Dartmouth is first vice president of the commercial services division with Bristol County Savings Bank. Lynn joined the bank in 2008 as a commercial lender.

Jeffrey Schoonover '94 is superintendent of schools in Somerset, where he lives.

Linda Senechal '94, MFA '98 of Dorchester Center wrote that her business/studio name is Studio Tessere (www.studiotessere.com). She makes woven Shibori scarves and shawls and has participated in American Craft Council juried shows in several U.S. cities.

June D. Goguen '95 of Rochester is vice president /commercial lending officer with BayCoast Bank.

Steven Jones '95 of Swansea works at the New Bedford accounting firm of M. L. Nunes & Associates as an associate.

Robert Terry '95 of Orlando, FL, was promoted to vice president, director of 3D visualization for VOA Associates' Orlando office.

Talha Harcar, MBA '96 of Monaca, PA, is professor of marketing at Penn

State Beaver. In recent years, he has received the Penn State Beaver Advisory Board Excellence in Research Award twice and the Outstanding Academic Adviser Award.

Holly Jensen '96, MA '05 of Providence RI, was a 2008 Leadership Rhode Island graduate. She joined (add)ventures, a Providence-based multidisciplinary digital brand communications firm, as director of strategy/content.

Michael Miozza '96 of Fall River wrote *Safety Doesn't Have to Be Difficult: A Recipe for Creating a Strong and Sustainable Safety Management System*, featuring a 12-step system to create safety management systems.

Bonnie Seeman, MFA '96 of Plantation, FL, received the Visual and Media Artists Fellowship award from the Cultural Council of Palm Beach County. She has demonstrated and lectured throughout the U.S. Her works are in many public and private collections, including the Metropolitan Museum of Art, the Mint Museum of Craft & Design, and the Carnegie Museum of Art.

Nancy Clarke-Hayes, MFA '97 of Dartmouth has received various awards and grants through the years, including the New Bedford Cultural Council award and Massachusetts Cultural Council award.

Her work combines shapes, lines, and pattern creating designs that reflect her imagination. She uses principles of design while inventing spaces whose origins appear to be either microscopic or astronomical.

Jeanne Fernandes '97 of Acushnet is director of communications for the Massachusetts Health Information Management Association. She received its Champion Award in 2014.

Laudeen Sambrano '97 of Lindenhurst, IL, is manager of packaging development for Saputo Cheese USA, Inc. in Lincolnshire, IL.

Richard Terry '97 of Attleboro is vice president/commercial lending with Bristol County Savings Bank.

Meredith Birch '99 of Dartmouth wrote that she and Gregory P. Wenc re-married on Fort Phoenix beach in Fairhaven on September 6, 2012. She was accepted into the Rhode Island School of Design's one-year MA program through the teaching + learning in art + design professional development track.

David Bogus '99 of Laredo, TX, is assistant professor of art at Texas A & M International University. He is the recipient of a 2015 Emerging Artist Award/Grant from the National Council on Education for Ceramic Arts.

Elisa Lorello '99, MA '03 of Fairhaven reported that her third novel, *Why I love Singlehood*, which she co-authored with fellow alumna **Sarah Girrell '06**, has been translated into German as *Deshalb Liebe ich mein Singleleben*. The novel is on the Kindle Top 100 Best Seller list in Germany. It joins *Vorgetauscht*, the translation of her first novel, *Faking It*, which has been on the list for more than 100 days; three

consecutive weeks at #1. Her fifth book was a memoir: *Friends of Mine: Thirty Years in the Life of a Duran Duran Fan*, and it was published in August.

Robert Millard-Mendez, MFA '99 of Evansville, IN, has received more than 50 awards for his art and teaching, and his sculptures are included in more than 50 private and public collections. He has taught art at the college level since 1999, and his work has been exhibited in more than 325 shows in museums and galleries internationally and throughout the U.S. He creates many of his pieces based on themes from classical mythology viewed through the lens of contemporary events.

Kurt S. Seguer '99 of Ladson, SC, is vice president and commercial and residential lender at South Atlantic Bank in Charleston, SC.

the 2000s

Liz McGrory '00 of Billerica was awarded the Rookie of the Year Coach as the Working Mom Coach by the International Coach Federation New England at its 3rd Annual Gratitude Awards Gala and Coaching Hall of Fame. Her mission is to educate working moms on how coaching can help manage their professional and personal performance.

Michael J. Parker '00 of Tampa, FL, is a visual artist specializing in painting and public murals. He was the 2013 recipient of the Carolyn F. Heller Grant, awarded through Hillsborough Arts, Inc.

Meloney Irwin Woron '00 married Chris Woron on October 6, 2012. The couple lives in Marietta, GA.

Jason M. Karaffa '01 of New York, NY, joined Volvo Financial Services in Greensboro, NC as legal counsel.

John E. Lydon '01 of Natick is operations manager at Kaloutas Painting in Peabody.

Dr. Jessica N. Pabón '01 completed her PhD dissertation, "The 'Art of Getting Ovaries': Female Graffiti Artists and the Politics of Presence in Hip Hop's Graffiti Subculture," in the Department of Performance Studies at NYU. For her research, she won an American Dissertation Fellowship from the

American Association of University Women, received honorable mention from the Ford Foundation, and was an invited speaker for the 2012 TEDxWomen Conference in Washington, D.C. She has had articles published in *TDR/The Drama Review: the journal of performance studies*, *Rhizomes*, and *Women & Performance*, and blogs about her research and monthly art exhibitions at NYC's bOb gallery at: artofgettingovaries.wordpress.com.

Christine Coelho '02 married Benny Olmeda on July 13, 2013. The couple lives in New Bedford where she is a special education teacher.

Gregory Mullen '02 of North Dighton is a mortgage consultant at Bank Rhode Island.

Elizabeth Rothwell '02 of Edgartown was featured in the "30 under 30" section of *Martha's Vineyard Patch*. She works as the director of

marketing & special events for the Harbor View Hotel & Kelley House. She serves on the boards of both the Martha's Vineyard Chamber of Commerce and the Edgartown Board of Trade.

Erin-Lynn Dziedzic '03 of Kansas City, MO, is curator and head of adult programs at The Kemper Museum of Contemporary Art in Kansas City.

Karl Unnasch MFA '03 created a sculpture called 'Playtime Jubilee' that is located at the Veterans Plaza in Silver Springs, MD. It is 35 feet tall, 16 feet wide, and contains, among other items, 58 disk sleds, various sports balls, rackets, chairs and stools, helmets and xylophones.

Andrea Amaral '04 of Dartmouth is assistant vice president, marketing manager with Bristol County Savings Bank. She sits on the Board of Leadership Southcoast and is a member of the SouthCoast Young Professionals leadership team.

Jeffrey Beland '04 Works for *The Providence Journal*. He married Heather Kilduff on August 31, 2013, and they live in Whitinsville.

Michael Fernandes '04 of Westport launched Infinite Fitness Sports Performance Institute in Fall River in 2011.

Greta Anderson '05 of Mattapoisett was the 2013 Massachusetts Art Education Association's Elementary Art Educator of the Year.

Rosa DaCosta '05 of Rochester is food network security coordinator for the Southeastern Massachusetts Food Security Network.



Monica Diaz '13

What goes around...

Monica Diaz '13, from Puebla, Mexico, always dreamed of being a mechanical engineer, but her foreign and self-home-schooled transcripts limited her college options in the U.S., until she heard from College Now at UMass Dartmouth.

"College Now accepted me into the university and gave me the opportunity to learn without judging my educational background," said Diaz.

Arriving in the U.S. with less than \$200, Diaz worked two jobs at times, sent money back home, and maintained a 3.5 GPA to qualify for scholarships. "I was lucky enough to get awarded something every semester, from a book award to scholarships worth a couple of thousand dollars."

Diaz, now a mechanical engineer at Jacobs Engineering in Cambridge, feels strongly about giving back to the program that believed in her.

She served as a College Now algebra and calculus tutor and mentor, and since graduating, she has spoken on campus at the Scholarship Luncheon and the College Now Banquet, has worked with the development office to establish a full-tuition scholarship for College Now students with the Sluter family, and has personally established two book funds—the Class of 2013 College Now Book Fund Award and the Women in Engineering Book Fund—to help future female engineering and College Now/START students.

Scholarships go far beyond monetary help, said Diaz. "Having someone blindly believe in you is a powerful motivation to do your best."

Megan Gould, MFA '05

lives in Albuquerque, NM, where she is an assistant professor of art at the University of New Mexico. She seeks to visualize the act of seeing in new ways, using photographs and the act of photographing as a departure point in her work.

James Vuona '05

of Shrewsbury, the fire chief since 2010, was awarded a citation from the Massachusetts Association of Fire and Safety Educators for his strong programs in public education and outreach efforts with the community.

Miyuki Akai Cook, MFA '06

of Huntington, WV, works at Marshall University as an assistant professor of art. Miyuki has continued working on fiber construction processes, such as weaving and knitting to create various forms of artwork and has re-visited the Japanese technique of katazome.

Mark Gendreau '06,

MBA '08 of New Bedford is assistant vice president and investment officer at Plimouth Investment Advisors.

Bradley Harris '06

of Anchorage, AK, works as a professor of marine biology at Atlantic Pacific University. Throughout the summer and into the school year, Dr. Harris and students in his fisheries ecology class and the applied fisheries science laboratory conduct research that advances fisheries science in Alaska.

David Bocek, JD '07

of Sterling Heights, MI, released his second political thriller, *The Financial Parallax*. His first work was *The Shadow Faction*. Follow David on Twitter @davebocekwriter.

Allison Burgess, MAT '07

of West Wareham married James Partridge. She teaches seventh-grade math at Plymouth Community Intermediate School.

Ryan F. Loud '07

of Attleboro is a music program teacher at King Philip Regional School in Wrentham. He has directed a steel drum program called World Percussion for more than five years. In addition to African drumming and Latin drumming, King Philip's is one of the few, perhaps only, high school groups in New England that plays calypso music in a traditional way on steel drums.

Ryan McCoy '07

of Newburyport is a project engineer in the geotechnical division at Pare Corp.

Michael Moore '07

of Attleboro teaches at Zumix, a private music school in East Boston, and plays drums professionally.

Pamela Marie Silvia '07

of Somerset married Neal Andrew Biddick on June 1, 2012.

Brandon Walecka '07 of Dartmouth graduated from the Master of Laws Elder Law program at Stetson University College of Law.

Anna Kristina Goransson,

MFA '08 of Arlington wrote that two of her sculptural wall pieces have become part of the MediTech collection. Her artwork can be purchased at Alchemy 9.2.5 in Belmont.

Michael Kilmer '08

of Worcester is engineering/digital manager at (add)ventures in Providence, RI.

Brian M. Pastori '08 lives in New Bedford where he is program director of the Community Economic Development Council.

Kyle Pelletier '08

married Sarah Lockwood on August 3, 2013. The couple lives in Taunton.

Kelly O'Keefe Alfis '09

of Portsmouth, NH, was promoted to lead graphic designer by Calypso Communications.

Brian Mathew Ashmankas

'09 lives in Millbury where he serves as a selectman.

Kristian Costa '09

married Corey Jadowic on July 27, 2013. The couple lives in Acushnet.

Grace Morrison '09

of Wareham is a songwriter, lead vocalist and guitarist with Grace and the RSO (Really Small Orchestra.) She performed at UMass Dartmouth's Alumni Awards Ceremony in November 2014.

Benjamin Paulding '09

of Yarmouth Port is drum leader of Agbekor Drum and Dance Society, Boston's oldest Ghanaian drum and dance group, and directs the Fafali Ghanaian music ensemble at Brandeis University.

For more information on Ben's travels visit www.benpaulding.com

Sandra Sevigney '09

of Assonet is first vice president/retirement plan specialist at Plimouth Investment Advisors.

Jeffrey Silva, JD '09

of Revere is the Westwood police chief.

the 2010s

Kelsey Barrows '10

of Revere works at Lasell College in Newton as the assistant director of alumni relations, engaging alumni with events and programs.

Michelle Keith '10

of Dartmouth was elected for a second term to the Board of Directors of the Women's Bar Association of Massachusetts.

Kyle Taylor '10

of Springfield works in the admissions office at Curry College.

Nicholas Dassatti '11

of Agawam is a microbiologist II at Microtest Laboratories, Inc. He became certified as a registered microbiologist in pharmaceutical and medical device microbiology in June of 2014.

Michele Noiset, MFA '11

of East Sandwich was featured artist at the Guyer Barn on Cape Cod. She has many children's books to her credit and manages to flip the whimsical subjects often featured in children's stories to a dark portrayal of dystopia. She recently took first prize in a Yarmouth cultural center pastel contest.

Joshua A. Terceira '11

of Seekonk is a graphic designer with Hill & Partners, Inc.

Amanda 'Mandy' Roach '12

of Weymouth completed a year of AmeriCorps service at Providence Children's Museum in August 2013.

Aiza Soares '12

of Somerset was hired for a position in the neuroscience intensive care unit at Rhode Island Hospital.

Rhiannon Casey '13

of Beverly is the executive assistant at Windover Construction.

John A. Cooke, MBA '14

of West Yarmouth is vice president, online marketing manager, at Bank Five.

Erin Kochanek '13, MA '14

lives in New Bedford, where she is both a special needs paraprofessional at the Global Learning Charter School and a quilt maker.

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Jacob Miller makes a difference...

The Endeavor Scholarship, funded by the generosity of an anonymous donor, makes it possible for hardworking, community-service oriented students like Jacob Miller '16 to attend UMass Dartmouth.

As an Endeavor Scholar, and in his role as Student Trustee, Jacob's academic initiative and intense commitment to community service is having a significant impact.

Some of his accomplishments include:

- ▶ working on statewide healthcare legislation for college students
- ▶ helping downtown New Bedford earn a cultural district designation
- ▶ starting the Student-Run Business Association on campus to encourage entrepreneurship
- ▶ creating a workforce development opportunity for veterans in New Bedford

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Jacob is one of only 58 students across the country chosen for the prestigious Harry S. Truman Scholarship. The Scholarship supports the graduate education and professional development of outstanding students committed to public service leadership.



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